

Atty Docket No. 13 CIP CON

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
Mark J. EVANS et,al

Serial No. 08/487,283
(Now U.S. Patent 6,355,245)

Examiner: P. Gambel

Filed: June 7, 1995

Group Art Unit: 1644

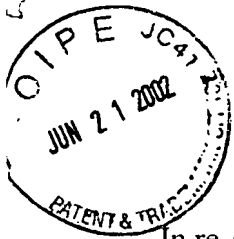
For: C-5-SPECIFIC ANTIBODIES FOR
THE TREATMENT OF
INFLAMMATORY DISEASES
(AS AMENDED)

The payment of the small entity fee was inadvertent. It is requested that \$620.00, the difference between the payment of the issue fee as a small entity issue fee and the large entity fee which should have been paid, be charged to Deposit Account No. 01-0483.

This communication and payment of fees additionally serve as notification, in accordance with 37 C.F.R. 1.28(d), of a loss of entitlement to small status as required by 37 C.F.R. 1.27(g)(2).

Respectfully submitted,

Mark Farber
Registration No. 34,159
Attorney for Applicants
Alexion Pharmaceuticals, Inc.
352 Knotter Drive
Cheshire, CT 06410
(203) 271-8289



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#37

In re Application of

Mark J. EVANS et al.

Serial No. 08/487,283
(Now U.S. Patent 6,355,245)

Examiner: P. Gambel

Filed: 7 June 1995

Group Art Unit: 1644

For: C5-SPECIFIC ANTIBODIES FOR
THE TREATMENT OF
INFLAMMATORY DISEASES
(AS AMENDED)

REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.322

The above patent issued on March 12, 2002. In reviewing the published application, Applicants have noted the following errors. It is requested that a Certificate of Correction be published to correct the errors listed below. Immediately following is an explanation of each error. A Certificate of Correction (form PTO/SF/44) is filed concurrently with this Request.

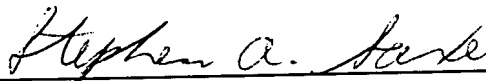
1. The issue fee for the instant application was paid on 31 October 2001. Concurrent with the mailing of the issue fee, Applicants mailed an Amendment Under Rule 312 requesting that the specification be amended to include a statement that priority was being claimed to U.S. Application Serial No. 08/311,489 filed on September 23, 1994. This additional claim of priority does not appear in the patent as published. It is requested that this be corrected.
2. The application was filed claiming priority to PCT/US95/05688 as a continuation-in-part. This was stated in the Preliminary Amendment filed June 7, 1995 and again in the Amendment filed May 11, 2001 which amended the continuing data. The published patent states that the application was filed as a "continuation", not as a "continuation-in-part", of the PCT application. It is requested that this error be corrected.
3. An Amendment filed 11 May 2001 changed the title of the application to "ANTIBODIES TO HUMAN COMPLEMENT COMPONENT C5". This title as amended was correctly shown on the Notice of Allowance and Issue Fee Due. The title on the published application is neither the title as amended nor the title as originally filed. It is requested that the title as amended be printed.
4. An Examiner's Amendment was made which was mailed 31 July 2001 with the Notice of Allowance and Issue Fee Due. One of the specific amendments was to amend page 33, line 35, by inserting after "KSSKC epitope" the phrase --(SEQ ID NO:1)--. The amendment was correctly stated by the Examiner but was not correctly printed in the published patent. It is

requested that the patent be corrected to conform to the amendment stated in the Examiner's Amendment.

5. The Sequence Listing as published in the printed patent has numerous errors in the numbering of the amino acid residues. This appears to be due to a problem of improper line wrapping. The numbering shown is different from that as shown in the Sequence Listing submitted for the application. This is an important point because the patent often refers to portions of the sequences by amino acid number. Additionally, the claims refer to specific portions of sequences; e.g., claim 19 refers to specific fragments of SEQ ID NO:8 based on amino acid position number. The numbering of amino acid residues in SEQ ID NO:8 is incorrect as published except for the first line of the sequence. The patent as published therefore is misleading and could cause one to misinterpret the claims. Additionally, certain sequences such as SEQ ID NO:2 begin with "pro" regions that are negatively numbered. The numbers are incorrect as published and it is impossible for someone who merely looks at that sequence to know where the proper numbering should be. Because of these problems, it is requested that the Sequence Listing be corrected as shown on the attached forms PTO/SB/44.

It is urged that each of the above cited errors is clearly disclosed in the prosecution of the patent application and that the errors are the fault of the U.S. Patent and Trademark Office. It is, therefore, urged that no fee is required.

Respectfully submitted,



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Docket No. 13 CIP CON

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 61

PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title
On page ~~5~~, delete the title "C5-SPECIFIC ANTIBODIES FOR THE TREATMENT OF INFLAMMATORY DISEASES" and insert therefor --ANTIBODIES TO HUMAN COMPLEMENT COMPONENT C5--.

In column 1, lines 1-3, delete the title "C5-SPECIFIC ANTIBODIES FOR THE TREATMENT OF INFLAMMATORY DISEASES" and insert therefor --ANTIBODIES TO HUMAN COMPLEMENT COMPONENT C5--.

NO
On page 1, delete the paragraph under Related U.S. Application Data and insert therefor --Continuation-in-part of application No. PCT/US95/05688, filed on May 1, 1995, which is a continuation-in-part of application No. 08/236,208, filed on May 2, 1994, now Pat. No. 6,074,642, and this patent is also a continuation-in-part of application No. 08/311,489, filed on September 23, 1994, now abandoned.

In column 19, line 54, delete "(SEQ ID NO:1)".

In column 19, line 55, following "KSSKC peptide", insert --(SEQ ID NO:1)--.

MAILING ADDRESS OF SENDER:
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PATENT NO. 6,355,245

No. of additional copies

⇒ 0

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(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 6,355,245 B1

DATED : Mar. 12, 2002

INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 55, lines 50-53, and insert therefor:

Val	Ile	Asp	His	Gln	Gly	Thr	Lys	Ser	Ser
				5				10	

Lys	Cys	Val	Arg	Gln	Lys	Val	Glu	Gly	Ser	Ser
				15				20		

Please delete column 57, lines 22-37, and insert therefor:

						Met	Gly	Leu	Leu	Gly	Ile	Leu	Cys	Phe	Leu
									-15					-10	
Ile	Phe	Leu	Gly	Lys	Thr	Trp	Gly	Gln	Glu	Gln	Thr	Tyr	Val		
		-5					-1					5			
Ile	Ser	Ala	Pro	Lys	Ile	Phe	Arg	Val	Gly	Ala	Ser	Glu	Asn		
		10						15					20		
Ile	Val	Ile	Gln	Val	Tyr	Gly	Tyr	Thr	Glu	Ala	Phe	Asp	Ala		
			25						30						
Thr	Ile	Ser	Ile	Lys	Ser	Tyr	Pro	Asp	Lys	Lys	Phe	Ser	Tyr		
		35			40				45						
Ser	Ser	Gly	His	Val	His	Leu	Ser	Ser	Glu	Asn	Lys	Phe	Gln		
		50				55				60					
Asn	Ser	Ala	Ile	Leu	Thr	Ile	Gln	Pro	Lys	Gln	Leu	Pro	Gly		
		65				70				75					
Gly	Gln	Asn	Pro	Val	Ser	Tyr	Val	Tyr	Leu	Glu	Val	Val	Ser		
		80					85						90		

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PATENT NO. 6,355,245

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 57, lines 38-55, and insert therefor:

Lys	His	Phe	Ser	Lys	Ser	Lys	Arg	Met	Pro	Ile	Thr	Tyr	Asp
				95									100
Asn	Gly	Phe	Leu	Phe	Ile	His	Thr	Asp	Lys	Pro	Val	Tyr	Thr
105					110					115			
Pro	Asp	Gln	Ser	Val	Lys	Val	Arg	Val	Tyr	Ser	Leu	Asn	Asp
120					125						130		
Asp	Leu	Lys	Pro	Ala	Lys	Arg	Glu	Thr	Val	Leu	Thr	Phe	Ile
	135					140						145	
Asp	Pro	Glu	Gly	Ser	Glu	Val	Asp	Met	Val	Glu	Glu	Ile	Asp
	150						155						160
His	Ile	Gly	Ile	Ile	Ser	Phe	Pro	Asp	Phe	Lys	Ile	Pro	Ser
			165					170					
Asn	Pro	Arg	Tyr	Gly	Met	Trp	Thr	Ile	Lys	Ala	Lys	Tyr	Lys
175					180					185			
Glu	Asp	Phe	Ser	Thr	Thr	Gly	Thr	Ala	Tyr	Phe	Glu	Val	Lys
	190				195						200		
Glu	Tyr	Val	Leu	Pro	His	Phe	Ser	Val	Ser	Ile	Glu	Pro	Glu
	205					210						215	

Please delete column 59, lines 1-4, and insert therefor:

Tyr	Asn	Phe	Ile	Gly	Tyr	Lys	Asn	Phe	Lys	Asn	Phe	Glu	Ile
		220						225					230
Thr	Ile	Lys	Ala	Arg	Tyr	Phe	Tyr	Asn	Lys	Val	Val	Thr	Glu
			235						240				

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PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 59, lines 5-28, and insert therefor:

Ala Asp Val Tyr Ile Thr Phe Gly Ile Arg Glu Asp Leu Lys	
245	255
Asp Asp Gln Lys Glu Met Met Gln Thr Ala Met Gln Asn Thr	
260	270
Met Leu Ile Asn Gly Ile Ala Gln Val Thr Phe Asp Ser Glu	
275	285
Thr Ala Val Lys Glu Leu Ser Tyr Tyr Ser Leu Glu Asp Leu	
290	300
Asn Asn Lys Tyr Leu Tyr Ile Ala Val Thr Val Ile Glu Ser	
305	310
Thr Gly Gly Phe Ser Glu Glu Ala Glu Ile Pro Gly Ile Lys	
315	325
Tyr Val Leu Ser Pro Tyr Lys Leu Asn Leu Val Ala Thr Pro	
330	340
Leu Phe Leu Lys Pro Gly Ile Pro Tyr Pro Ile Lys Val Gln	
345	355
Val Lys Asp Ser Leu Asp Gln Leu Val Gly Gly Val Pro Val	
360	370
Ile Leu Asn Ala Gln Thr Ile Asp Val Asn Gln Glu Thr Ser	
375	380
Asp Leu Asp Pro Ser Lys Ser Val Thr Arg Val Asp Asp Gly	
385	395
Val Ala Ser Phe Val Leu Asn Leu Pro Ser Gly Val Thr Val	
400	410

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PATENT NO. 6,355,245

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 59, lines 29-52; and insert therefor:

Leu	Glu	Phe	Asn	Val	Lys	Thr	Asp	Ala	Pro	Asp	Leu	Pro	Glu
415							420					425	
Glu	Asn	Gln	Ala	Arg	Glu	Gly	Tyr	Arg	Ala	Ile	Ala	Tyr	Ser
	430						435					440	
Ser	Leu	Ser	Gln	Ser	Tyr	Leu	Tyr	Ile	Asp	Trp	Thr	Asp	Asn
			445					450					
His	Lys	Ala	Leu	Leu	Val	Gly	Glu	His	Leu	Asn	Ile	Ile	Val
455				460				465					
Thr	Pro	Lys	Ser	Pro	Tyr	Ile	Asp	Lys	Ile	Thr	His	Tyr	Asn
470					475					480			
Tyr	Leu	Ile	Leu	Ser	Lys	Gly	Lys	Ile	Ile	His	Phe	Gly	Thr
	485					490						495	
Arg	Glu	Lys	Phe	Ser	Asp	Ala	Ser	Tyr	Gln	Ser	Ile	Asn	Ile
		500					505						510
Pro	Val	Thr	Gln	Asn	Met	Val	Pro	Ser	Ser	Arg	Leu	Leu	Val
			515					520					
Tyr	Tyr	Ile	Val	Thr	Gly	Glu	Gln	Thr	Ala	Glu	Leu	Val	Ser
525				530				535					
Asp	Ser	Val	Trp	Leu	Asn	Ile	Glu	Glu	Lys	Cys	Gly	Asn	Gln
	540				545						550		
Leu	Gln	Val	His	Leu	Ser	Pro	Asp	Ala	Asp	Ala	Tyr	Ser	Pro
		555					560					565	
Gly	Gln	Thr	Val	Ser	Leu	Asn	Met	Ala	Thr	Gly	Met	Asp	Ser
		570					575						580

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,355,245 B1

DATED : Mar. 12, 2002

INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 61, lines 1-26, and insert therefor:

Trp Val Ala Leu Ala Ala Val Asp Ser Ala Val Tyr Gly Val
585 590

Gln Arg Gly Ala Lys Lys Pro Leu Glu Arg Val Phe Gln Phe
595 600 605

Leu Glu Lys Ser Asp Leu Gly Cys Gly Ala Gly Gly Gly Leu
610 615 620

Asn Asn Ala Asn Val Phe His Leu Ala Gly Leu Thr Phe Leu
625 630 635

Thr Asn Ala Asn Ala Asp Asp Ser Gln Glu Asn Asp Glu Pro
640 645 650

Cys Lys Glu Ile Leu Arg Pro Arg Arg Thr Leu Gln Lys Lys
655 660

Ile Glu Glu Ile Ala Ala Lys Tyr Lys His Ser Val Val Lys
665 670 675

Lys Cys Cys Tyr Asp Gly Ala Cys Val Asn Asn Asp Glu Thr
680 685 690

Cys Glu Gln Arg Ala Ala Arg Ile Ser Leu Gly Pro Arg Cys
695 700 705

Ile Lys Ala Phe Thr Glu Cys Cys Val Val Ala Ser Gln Leu
710 715 720

Arg Ala Asn Ile Ser His Lys Asp Met Gln Leu Gly Arg Leu
725 730

His Met Lys Thr Leu Leu Pro Val Ser Lys Pro Glu Ile Arg
735 740 745

Ser Tyr Phe Pro Glu Ser Trp Leu Trp Glu Val His Leu Val
750 755 760

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PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 61, lines 27-52, and insert therefor:

Pro Arg Arg Lys Gln Leu Gln Phe Ala Leu Pro Asp Ser Leu	765	770	775
Thr Thr Trp Glu Ile Gln Gly Ile Gly Ile Ser Asn Thr Gly	780	785	790
Ile Cys Val Ala Asp Thr Val Lys Ala Lys Val Phe Lys Asp	795	800	
Val Phe Leu Glu Met Asn Ile Pro Tyr Ser Val Val Arg Gly	805	810	815
Glu Gln Ile Gln Leu Lys Gly Thr Val Tyr Asn Tyr Arg Thr	820	825	830
Ser Gly Met Gln Phe Cys Val Lys Met Ser Ala Val Glu Gly	835	840	845
Ile Cys Thr Ser Glu Ser Pro Val Ile Asp His Gln Gly Thr	850	855	860
Lys Ser Ser Lys Cys Val Arg Gln Lys Val Glu Gly Ser Ser	865	870	
Ser His Leu Val Thr Phe Thr Val Leu Pro Leu Glu Ile Gly	875	880	885
Leu His Asn Ile Asn Phe Ser Leu Glu Thr Trp Phe Gly Lys	890	895	900
Glu Ile Leu Val Lys Thr Leu Arg Val Val Pro Glu Gly Val	905	910	915
Lys Arg Glu Ser Tyr Ser Gly Val Thr Leu Asp Pro Arg Gly	920	925	930
Ile Tyr Gly Thr Ile Ser Arg Arg Lys Glu Phe Pro Tyr Arg	935	940	

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DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 63, lines 1-26, and insert therefor:

Ile	Pro	Leu	Asp	Leu	Val	Pro	Lys	Thr	Glu	Ile	Lys	Arg	Ile	
945					950					955				
Leu	Ser	Val	Lys	Gly	Leu	Leu	Val	Gly	Glu	Ile	Leu	Ser	Ala	
960					965					970				
Val	Leu	Ser	Gln	Glu	Gly	Ile	Asn	Ile	Leu	Thr	His	Leu	Pro	
	975					980					985			
Lys	Gly	Ser	Ala	Glu	Ala	Glu	Leu	Met	Ser	Val	Val	Pro	Val	
	990					995						1000		
Phe	Tyr	Val	Phe	His	Tyr	Leu	Glu	Thr	Gly	Asn	His	Trp	Asn	
		1005						1010						
Ile	Phe	His	Ser	Asp	Pro	Leu	Ile	Glu	Lys	Gln	Lys	Leu	Lys	
1015					1020					1025				
Lys	Lys	Leu	Lys	Glu	Gly	Met	Leu	Ser	Ile	Met	Ser	Tyr	Arg	
1030					1035							1040		
Asn	Ala	Asp	Tyr	Ser	Tyr	Ser	Val	Trp	Lys	Gly	Gly	Ser	Ala	
	1045						1050					1055		
Ser	Thr	Trp	Leu	Thr	Ala	Phe	Ala	Leu	Arg	Val	Leu	Gly	Gln	
	1060						1065					1070		
Val	Asn	Lys	Tyr	Val	Glu	Gln	Asn	Gln	Asn	Ser	Ile	Cys	Asn	
		1075					1080							
Ser	Leu	Leu	Trp	Leu	Val	Glu	Asn	Tyr	Gln	Leu	Asp	Asn	Gly	
1085					1090					1095				
Ser	Phe	Lys	Glu	Asn	Ser	Gln	Tyr	Gln	Pro	Ile	Lys	Leu	Gln	
1100					1105						1110			
Gly	Thr	Leu	Pro	Val	Glu	Ala	Arg	Glu	Asn	Ser	Leu	Tyr	Leu	
	1115						1120					1125		

MAILING ADDRESS OF SENDER:

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PATENT NO. 6,355,245

No. of additional copies

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 63, lines 27-52, and insert therefor:

```
Thr Ala Phe Thr Val Ile Gly Ile Arg Lys Ala Phe Asp Ile
      1130                      1135                      1140

Cys Pro Leu Val Lys Ile Asp Thr Ala Leu Ile Lys Ala Asp
      1145                      1150

Asn Phe Leu Leu Glu Asn Thr Leu Pro Ala Gln Ser Thr Phe
1155                      1160                      1165

Thr Leu Ala Ile Ser Ala Tyr Ala Leu Ser Leu Gly Asp Lys
  1170                      1175                      1180

Thr His Pro Gln Phe Arg Ser Ile Val Ser Ala Leu Lys Arg
      1185                      1190                      1195

Glu Ala Leu Val Lys Gly Asn Pro Pro Ile Tyr Arg Phe Trp
      1200                      1205                      1210

Lys Asp Asn Leu Gln His Lys Asp Ser Ser Val Pro Asn Thr
      1215                      1220

Gly Thr Ala Arg Met Val Glu Thr Thr Ala Tyr Ala Leu Leu
1225                      1230                      1235

Thr Ser Leu Asn Leu Lys Asp Ile Asn Tyr Val Asn Pro Val
1240                      1245                      1250

Ile Lys Trp Leu Ser Glu Glu Gln Arg Tyr Gly Gly Gly Phe
1255                      1260                      1265

Tyr Ser Thr Gln Asp Thr Ile Asn Ala Ile Glu Gly Leu Thr
      1270                      1275                      1280

Glu Tyr Ser Leu Leu Val Lys Gln Leu Arg Leu Ser Met Asp
      1285                      1290

Ile Asp Val Ser Tyr Lys His Lys Gly Ala Leu His Asn Tyr
1295                      1300                      1305
```

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PATENT NO : 6,355,245 B1
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 65, lines 1-26, and insert therefor:

Lys Met Thr Asp Lys Asn Phe Leu Gly Arg Pro Val Glu Val
 1310 1315 1320

Leu Leu Asn Asp Asp Leu Ile Val Ser Thr Gly Phe Gly Ser
 1325 1330 1335

Gly Leu Ala Thr Val His Val Thr Thr Val Val His Lys Thr
 1340 1345 1350

Ser Thr Ser Glu Glu Val Cys Ser Phe Tyr Leu Lys Ile Asp
 1355 1360

Thr Gln Asp Ile Glu Ala Ser His Tyr Arg Gly Tyr Gly Asn
 1365 1370 1375

Ser Asp Tyr Lys Arg Ile Val Ala Cys Ala Ser Tyr Lys Pro
 1380 1385 1390

Ser Arg Glu Glu Ser Ser Ser Gly Ser Ser His Ala Val Met
 1395 1400 1405

Asp Ile Ser Leu Pro Thr Gly Ile Ser Ala Asn Glu Glu Asp
 1410 1415 1420

Leu Lys Ala Leu Val Glu Gly Val Asp Gln Leu Phe Thr Asp
 1425 1430

Tyr Gln Ile Lys Asp Gly His Val Ile Leu Gln Leu Asn Ser
 1435 1440 1445

Ile Pro Ser Ser Asp Phe Leu Cys Val Arg Phe Arg Ile Phe
 1450 1455 1460

Glu Leu Phe Glu Val Gly Phe Leu Ser Pro Ala Thr Phe Thr
 1465 1470 1475

Val Tyr Glu Tyr His Arg Pro Asp Lys Gln Cys Thr Met Phe
 1480 1485 1490

MAILING ADDRESS OF SENDER:

Stephen A. Saxe
 Alexion Pharmaceuticals, Inc.
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 Cheshire, CT 06410

PATENT NO. 6,355,245

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Alexion

Pharmaceuticals Inc.

PTO/SB/44 (02-01)

Approved for use through 01/31/2004. OMB 0651-0033

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(Also Form PTO-1050)

Susan M. Petrosemolo

petrosemolos@alxn.com

Clinical Accounts Associate

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 65, lines 27-50, and insert therefor:

Tyr Ser Thr Ser Asn Ile Lys Ile Gln Lys Val Cys Glu Gly
1495 1500

Ala Ala Cys Lys Cys Val Glu Ala Asp Cys Gly Gln Met Gln
1505 1510 1515

Glu Glu Leu Asp Leu Thr Ile Ser Ala Glu Thr Arg Lys Gln
1520 1525 1530

Thr Ala Cys Lys Pro Glu Ile Ala Tyr Ala Tyr Lys Val Ser
1535 1540 1545

Ile Thr Ser Ile Thr Val Glu Asn Val Phe Val Lys Tyr Lys
1550 1555 1560

Ala Thr Leu Leu Asp Ile Tyr Lys Thr Gly Glu Ala Val Ala
1565 1570

Glu Lys Asp Ser Glu Ile Thr Phe Ile Lys Lys Val Thr Cys
1575 1580 1585

Thr Asn Ala Glu Leu Val Lys Gly Arg Gln Tyr Leu Ile Met
1590 1595 1600

Gly Lys Glu Ala Leu Gln Ile Lys Tyr Asn Phe Ser Phe Arg
1605 1610 1615

Tyr Ile Tyr Pro Leu Asp Ser Leu Thr Trp Ile Glu Tyr Trp
1620 1625 1630

Pro Arg Asp Thr Thr Cys Ser Ser Cys Gln Ala Phe Leu Ala
1635 1640

Asn Leu Asp Glu Phe Ala Glu Asp Ile Phe Leu Asn Gly Cys
1645 1650 1655

MAILING ADDRESS OF SENDER:

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PATENT NO. 6,355,245

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 81, lines 18-47, and insert therefor:

ATG GCC GAC ATC CAG ATG ACT CAG TCT CCA	30
Met Ala Asp Ile Gln Met Thr Gln Ser Pro	
1 5 10	
GCT TCA CTG TCT GCA TCT GTG GGA GAA ACT	60
Ala Ser Leu Ser Ala Ser Val Gly Glu Thr	
15 20	
GTC ACC ATC ACA TGT GGA GCA AGT GAG AAT	90
Val Thr Ile Thr Cys Gly Ala Ser Glu Asn	
25 30	
ATT TAC GGT GCT TTA AAT TGG TAT CAG CGG	120
Ile Tyr Gly Ala Leu Asn Trp Tyr Gln Arg	
35 40	
AAA CAG GGA AAA TCT CCT CAG CTC CTG ATC	150
Lys Gln Gly Lys Ser Pro Gln Leu Leu Ile	
45 50	
TAT GGT GCA ACC AAC TTG GCA GAT GGC ATG	180
Tyr Gly Ala Thr Asn Leu Ala Asp Gly Met	
55 60	
TCA TCG AGG TTC AGT GGC AGT GGA TCT GGT	210
Ser Ser Arg Phe Ser Gly Ser Gly Ser Gly	
65 70	
AGA CAG TAT TAT CTC AAG ATC AGT AGC CTG	240
Arg Gln Tyr Tyr Leu Lys Ile Ser Ser Leu	
75 80	
CAT CCT GAC GAT GTT GCA ACG TAT TAC TGT	270
His Pro Asp Asp Val Ala Thr Tyr Tyr Cys	
85 90	
CAA AAT GTG TTA AAT ACT CCT CTC ACG TTC	300
Gln Asn Val Leu Asn Thr Pro Leu Thr Phe	
95 100	

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 81, line 48, through column 83, line 21, and insert therefor:

GGT GCT GGG ACC AAG TTG GAG CTG AAA CGG	330
Gly Ala Gly Thr Lys Leu Glu Leu Lys Arg	110
105	
ACC GGA GGT GGC GGG TCG GGT GGC GGG GGA	360
Thr Gly Gly Gly Gly Ser Gly Gly Gly Gly	120
115	
TCG GGT GGC GGA GGG TCG CAG GTT CAG CTG	390
Ser Gly Gly Gly Gly Ser Gln Val Gln Leu	130
125	
CAG CAG TCT GGA GCC GAG CTG ATG AAG CCT	420
Gln Gln Ser Gly Ala Glu Leu Met Lys Pro	140
135	
GGG GCC TCA GTG AAG ATG TCC TGC AAG GCT	450
Gly Ala Ser Val Lys Met Ser Cys Lys Ala	150
145	
ACT GGC TAC ATA TTC AGT AAC TAC TGG ATA	480
Thr Gly Tyr Ile Phe Ser Asn Tyr Trp Ile	160
155	
CAG TGG ATA AAG CAG AGG CCT GGA CAT GGC	510
Gln Trp Ile Lys Gln Arg Pro Gly His Gly	170
165	
CTT GAG TGG ATT GGT GAG ATT TTA CCT GGA	540
Leu Glu Trp Ile Gly Glu Ile Leu Pro Gly	180
175	
AGT GGT TCT ACT GAG TAC ACT GAG AAC TTC	570
Ser Gly Ser Thr Glu Tyr Thr Glu Asn Phe	190
185	
AAG GAC AAG GCC GCA TTC ACT GCA GAT ACA	600
Lys Asp Lys Ala Ala Phe Thr Ala Asp Thr	200
195	

MAILING ADDRESS OF SENDER:
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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,355,245 B1

DATED : Mar. 12, 2002

INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent
is hereby corrected as shown below:

Please delete column 83, lines 22-36, and insert therefor:

TCC TCC AAC ACA GCC TAC ATG CAA CTC AGC	630
Ser Ser Asn Thr Ala Tyr Met Gln Leu Ser	
205 210	

AGC CTG ACA TCA GAG GAC TCT GCC GTC TAT	660
Ser Leu Thr Ser Glu Asp Ser Ala Val Tyr	
215 220	

TAC TGT GCA AGA TAT TTC TTC GGT AGT AGC	690
Tyr Cys Ala Arg Tyr Phe Phe Gly Ser Ser	
225 230	

CCC AAC TGG TAC TTC GAT GTC TGG GGC GCA	720
Pro Asn Trp Tyr Phe Asp Val Trp Gly Ala	
235 240	

GGG ACC ACG GTC ACC GTC TCC TCA TGA	747
Gly Thr Thr Val Thr Val Ser Ser	
245	

Please delete column 83, lines 46-57, and insert therefor:

ATG GCC GAT ATC CAG ATG ACC CAG TCC CCG	30
Met Ala Asp Ile Gln Met Thr Gln Ser Pro	
1 5 10	

TCC TCC CTG TCC GCC TCT GTG GGC GAT AGG	60
Ser Ser Leu Ser Ala Ser Val Gly Asp Arg	
15 20	

GTC ACC ATC ACC TGC GGC GCC AGC GAA AAC	90
Val Thr Ile Thr Cys Gly Ala Ser Glu Asn	
25 30	

ATC TAT GGC GCG CTG AAC TGG TAT CAA CGT	120
Ile Tyr Gly Ala Leu Asn Trp Tyr Gln Arg	
35 40	

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,355,245 B1

DATED : Mar. 12, 2002

INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 85, lines 1-30, and insert therefor:

AAA CCT GGG AAA GCT CCG AAG CTT CTG ATT	150
Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile	
45 50	
TAC GGT GCG ACG AAC CTG GCA GAT GGA GTC	180
Tyr Gly Ala Thr Asn Leu Ala Asp Gly Val	
55 60	
CCT TCT CGC TTC TCT GGA TCC GGC TCC GGA	210
Pro Ser Arg Phe Ser Gly Ser Gly Ser Gly	
65 70	
ACG GAT TTC ACT CTG ACC ATC AGC AGT CTG	240
Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu	
75 80	
CAG CCT GAA GAC TTC GCT ACG TAT TAC TGT	270
Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys	
85 90	
CAG AAC GTT TTA AAT ACT CCG TTG ACT TTC	300
Gln Asn Val Leu Asn Thr Pro Leu Thr Phe	
95 100	
GGA CAG GGT ACC AAG GTG GAA ATA AAA CGT	330
Gly Gln Gly Thr Lys Val Glu Ile Lys Arg	
105 110	
ACT GGC GGT GGT GGT TCT GGT GGC GGT GGA	360
Thr Gly Gly Gly Gly Ser Gly Gly Gly Gly	
115 120	
TCT GGT GGT GGC GGT TCT CAA GTC CAA CTG	390
Ser Gly Gly Gly Gly Ser Gln Val Gln Leu	
125 130	
GTG CAA TCC GGC GCC GAG GTC AAG AAG CCA	420
Val Gln Ser Gly Ala Glu Val Lys Lys Pro	
135 140	

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent
is hereby corrected as shown below:

Please delete column 85, lines 31-60, and insert therefor:

GGG GCC TCA GTC AAA GTG TCC TGT AAA GCT Gly Ala Ser Val Lys Val Ser Cys Lys Ala 145 150	450
AGC GGC TAT ATT TTT TCT AAT TAT TGG ATT Ser Gly Tyr Ile Phe Ser Asn Tyr Trp Ile 155 160	480
CAA TGG GTG CGT CAG GCC CCC GGG CAG GGC Gln Trp Val Arg Gln Ala Pro Gly Gln Gly 165 170	510
CTG GAA TGG ATG GGT GAG ATC TTA CCG GGC Leu Glu Trp Met Gly Glu Ile Leu Pro Gly 175 180	540
TCT GGT AGC ACC GAA TAT ACC GAA AAT TTT Ser Gly Ser Thr Glu Tyr Thr Glu Asn Phe 185 190	570
AAA GAC CGT GTT ACT ATG ACG CGT GAC ACT Lys Asp Arg Val Thr Met Thr Arg Asp Thr 195 200	600
TCG ACT AGT ACA GTA TAC ATG GAG CTC TCC Ser Thr Ser Thr Val Tyr Met Glu Leu Ser 205 210	630
AGC CTG CGA TCG GAG GAC ACG GCC GTC TAT Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr 215 220	660
TAT TGC GCG CGT TAT TTT TTT GGT TCT AGC Tyr Cys Ala Arg Tyr Phe Phe Gly Ser Ser 225 230	690
CCG AAT TGG TAT TTT GAT GTT TGG GGT CAA Pro Asn Trp Tyr Phe Asp Val Trp Gly Gln 235 240	720

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PATENT NO. 6,355,245

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO : 6,355,245 B1

DATED : Mar. 12, 2002

INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 87, lines 1-3, and insert therefor:

GGA ACC CTG GTC ACT GTC TCG AGC TGA 747
Gly Thr Leu Val Thr Val Ser Ser
245

Please delete column 87, lines 13-36, and insert therefor:

ATG GGA ATC CAA GGA GGG TCT GTC CTG TTC 30
Met Gly Ile Gln Gly Gly Ser Val Leu Phe
-25 -20

GGG CTG CTG CTC GTC CTG GCT GTC TTC TGC 60
Gly Leu Leu Leu Val Leu Ala Val Phe Cys
-15 -10

CAT TCA GGT CAT AGC CTG CAG GAC ATC CAG 90
His Ser Gly His Ser Leu Gln Asp Ile Gln
-5 1 5

ATG ACT CAG TCT CCA GCT TCA CTG TCT GCA 120
Met Thr Gln Ser Pro Ala Ser Leu Ser Ala
10 15

TCT GTG GGA GAA ACT GTC ACC ATC ACA TGT 150
Ser Val Gly Glu Thr Val Thr Ile Thr Cys
20 25

GGA GCA AGT GAG AAT ATT TAC GGT GCT TTA 180
Gly Ala Ser Glu Asn Ile Tyr Gly Ala Leu
30 35

AAT TGG TAT CAG CGG AAA CAG GGA AAA TCT 210
Asn Trp Tyr Gln Arg Lys Gln Gly Lys Ser
40 45

CCT CAG CTC CTG ATC TAT GGT GCA ACC AAC 240
Pro Gln Leu Leu Ile Tyr Gly Ala Thr Asn
50 55

MAILING ADDRESS OF SENDER:
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Cheshire, CT 06410

PATENT NO. 6,355,245

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 87, line 37, through column 89, line 9, and insert therefor:

TTG GCA GAT GGC ATG TCA TCG AGG TTC AGT	270
Leu Ala Asp Gly Met Ser Ser Arg Phe Ser	
60 65	
GGC AGT GGA TCT GGT AGA CAG TAT TAT CTC	300
Gly Ser Gly Ser Gly Arg Gln Tyr Tyr Leu	
70 75	
AAG ATC AGT AGC CTG CAT CCT GAC GAT GTT	330
Lys Ile Ser Ser Leu His Pro Asp Asp Val	
80 85	
GCA ACG TAT TAC TGT CAA AAT GTG TTA AAT	360
Ala Thr Tyr Tyr Cys Gln Asn Val Leu Asn	
90 95	
ACT CCT CTC ACG TTC GGT GCT GGG ACC AAG	390
Thr Pro Leu Thr Phe Gly Ala Gly Thr Lys	
100 105	
TTG GAG CTG AAA CGA ACT GTG GCT GCA CCA	420
Leu Glu Leu Lys Arg Thr Val Ala Ala Pro	
110 115	
TCT GTC TTC ATC TTC CCG CCA TCT GAT GAG	450
Ser Val Phe Ile Phe Pro Pro Ser Asp Glu	
120 125	
CAG TTG AAA TCT GGA ACT GCC TCT GTT GTG	480
Gln Leu Lys Ser Gly Thr Ala Ser Val Val	
130 135	
TGC CTG CTG AAT AAC TTC TAT CCC AGA GAG	510
Cys Leu Leu Asn Asn Phe Tyr Pro Arg Glu	
140 145	
GCC AAA GTA CAG TGG AAG GTG GAT AAC GCC	540
Ala Lys Val Gln Trp Lys Val Asp Asn Ala	
150 155	

MAILING ADDRESS OF SENDER:
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Cheshire, CT 06410

PATENT NO. 6,355,245

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 89, lines 10-29, and insert therefor:

CTC CAA TCG GGT AAC TCC CAG GAG AGT GTC	570
Leu Gln Ser Gly Asn Ser Gln Glu Ser Val	
160 165	
ACA GAG CAG GAC AGC AAG GAC AGC ACC TAC	600
Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr	
170 175	
AGC CTC AGC AGC ACC CTG ACG CTG AGC AAA	630
Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys	
180 185	
GCA GAC TAC GAG AAA CAC AAA GTC TAC GCC	660
Ala Asp Tyr Glu Lys His Lys Val Tyr Ala	
190 195	
TGC GAA GTC ACC CAT CAG GGC CTG AGC TCG	690
Cys Glu Val Thr His Gln Gly Leu Ser Ser	
200 205	
CCC GTC ACA AAG AGC TTC AAC AGG GGA GAG	720
Pro Val Thr Lys Ser Phe Asn Arg Gly Glu	
210 215	
TGT TAG	726
Cys	

Please delete column 89, lines 39-44, and insert therefor:

ATG AAA TGG AGC TGG GTT ATT CTC TTC CTC	30
Met Lys Trp Ser Trp Val Ile Leu Phe Leu	
-15 -10	
CTG TCA GTA ACT GCA GGT GTC CAC TCC CAG	60
Leu Ser Val Thr Ala Gly Val His Ser Gln	
-5 1	

MAILING ADDRESS OF SENDER:
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Cheshire, CT 06410

PATENT NO. 6,355,245

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 89, line 45, through column 91, line 15, and insert therefor:

GTT CAG CTG CAG CAG TCT GGA GCT GAG CTG Val Gln Leu Gln Gln Ser Gly Ala Glu Leu 5 10	90
ATG AAG CCT GGG GCC TCA GTG AAG ATG TCC Met Lys Pro Gly Ala Ser Val Lys Met Ser 15 20	120
TGC AAG GCT ACT GGC TAC ATA TTC AGT AAC Cys Lys Ala Thr Gly Tyr Ile Phe Ser Asn 25 30	150
TAC TGG ATA CAG TGG ATA AAG CAG AGG CCT Tyr Trp Ile Gln Trp Ile Lys Gln Arg Pro 35 40	180
GGA CAT GGC CTT GAG TGG ATT GGT GAG ATT Gly His Gly Leu Glu Trp Ile Gly Glu Ile 45 50	210
TTA CCT GGA AGT GGT TCT ACT GAG TAC ACT Leu Pro Gly Ser Gly Ser Thr Glu Tyr Thr 55 60	240
GAG AAC TTC AAG GAC AAG GCC GCA TTC ACT Glu Asn Phe Lys Asp Lys Ala Ala Phe Thr 65 70	270
GCA GAT ACA TCC TCC AAC ACA GCC TAC ATG Ala Asp Thr Ser Ser Asn Thr Ala Tyr Met 75 80	300
CAA CTC AGC AGC CTG ACA TCA GAG GAC TCT Gln Leu Ser Ser Leu Thr Ser Glu Asp Ser 85 90	330
GCC GTC TAT TAC TGT GCA AGA TAT TTC TTC Ala Val Tyr Tyr Cys Ala Arg Tyr Phe Phe 95 100	360

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 91, lines 16-45, and insert therefor:

GGT AGT AGC CCC AAC TGG TAC TTC GAT GTC Gly Ser Ser Pro Asn Trp Tyr Phe Asp Val 105 110	390
TGG GGC GCA GGG ACC ACG GTC ACC GTC TCC Trp Gly Ala Gly Thr Thr Val Thr Val Ser 115 120	420
TCA GCC TCC ACC AAG GGC CCA TCG GTC TTC Ser Ala Ser Thr Lys Gly Pro Ser Val Phe 125 130	450
CCC CTG GCG CCC TCC TCC AAG AGC ACC TCT Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser 135 140	480
GGG GGC ACA GCG GCC CTG GGC TGC CTG GTC Gly Gly Thr Ala Ala Leu Gly Cys Leu Val 145 150	510
AAG GAC TAC TTC CCC GAA CCG GTG ACG GTG Lys Asp Tyr Phe Pro Glu Pro Val Thr Val 155 160	540
TCG TGG AAC TCA GGC GCC CTG ACC AGC GGC Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly 165 170	570
GTG CAC ACC TTC CCG GCT GTC CTA CAG TCC Val His Thr Phe Pro Ala Val Leu Gln Ser 175 180	600
TCA GGA CTC TAC TCC CTC AGC AGC GTG GTG Ser Gly Leu Tyr Ser Leu Ser Ser Val Val 185 190	630
ACC GTG CCC TCC AGC AGC TTG GGC ACC CAG Thr Val Pro Ser Ser Ser Leu Gly Thr Gln 195 200	660

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UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO : 6,355,245 B1
 DATED : Mar. 12, 2002
 INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 91, lines 46-54, and insert therefor:

ACC TAC ATC TGC AAC GTG AAT CAC AAG CCC	690
Thr Tyr Ile Cys Asn Val Asn His Lys Pro	
205 210	
AGC AAC ACC AAG GTG GAC AAG AAA GTT GAG	720
Ser Asn Thr Lys Val Asp Lys Lys Val Glu	
215 220	
CCC AAA TCT TGT GAC AAA ACT CAC ACA TAA	750
Pro Lys Ser Cys Asp Lys Thr His Thr	
225	

Please delete column 93, lines 4-21, and insert therefor:

ATG AAG TGG AGC TGG GTT ATT CTC TTC CTC	30
Met Lys Trp Ser Trp Val Ile Leu Phe Leu	
-15 -10	
CTG TCA GTA ACT GCC GGC GTC CAC TCC CAA	60
Leu Ser Val Thr Ala Gly Val His Ser Gln	
-5 1	
GTC CAA CTG GTG CAA TCC GGC GCC GAG GTC	90
Val Gln Leu Val Gln Ser Gly Ala Glu Val	
5 10	
AAG AAG CCA GGC GCC TCA GTC AAA GTG TCC	120
Lys Lys Pro Gly Ala Ser Val Lys Val Ser	
15 20	
TGT AAA GCT AGC GGC TAT ATT TTT TCT AAT	150
Cys Lys Ala Ser Gly Tyr Ile Phe Ser Asn	
25 30	
TAT TGG ATT CAA TGG GTG CGT CAG GCC CCC	180
Tyr Trp Ile Gln Trp Val Arg Gln Ala Pro	
35 40	

MAILING ADDRESS OF SENDER:
 Stephen A. Saxe
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PATENT NO. 6,355,245

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,355,245 B1

DATED : Mar. 12, 2002

INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 93, lines 22-51, and insert therefor:

GGG CAG GGC CTG GAA TGG ATG GGT GAG ATC Gly Gln Gly Leu Glu Trp Met Gly Glu Ile 45 50	210
TTA CCG GGC TCT GGT AGC ACC GAA TAT GCC Leu Pro Gly Ser Gly Ser Thr Glu Tyr Ala 55 60	240
CAA AAA TTC CAG GGC CGT GTT ACT ATG ACT Gln Lys Phe Gln Gly Arg Val Thr Met Thr 65 70	270
GCG GAC ACT TCG ACT AGT ACA GCC TAC ATG Ala Asp Thr Ser Thr Ser Thr Ala Tyr Met 75 80	300
GAG CTC TCC AGC CTG CGA TCG GAG GAC ACG Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr 85 90	330
GCC GTC TAT TAT TGC GCG CGT TAT TTT TTT Ala Val Tyr Tyr Cys Ala Arg Tyr Phe Phe 95 100	360
GGT TCT AGC CCG AAT TGG TAT TTT GAT GTT Gly Ser Ser Pro Asn Trp Tyr Phe Asp Val 105 110	390
TGG GGT CAA GGA ACC CTG GTC ACT GTC TCG Trp Gly Gln Gly Thr Leu Val Thr Val Ser 115 120	420
AGC GCC TCC ACC AAG GGC CCA TCG GTC TTC Ser Ala Ser Thr Lys Gly Pro Ser Val Phe 125 130	450
CCC CTG GCG CCC TCC TCC AAG AGC ACC TCT Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser 135 140	480

MAILING ADDRESS OF SENDER:

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent
is hereby corrected as shown below:

Please column 93, line 52, through column 95, line 27, and insert therefor:

GGG GGC ACA GCG GCC CTG GGC TGC CTG GTC	510
Gly Gly Thr Ala Ala Leu Gly Cys Leu Val	
145 150	

AAG GAC TAC TTC CCC GAA CCG GTG ACG GTG	540
Lys Asp Tyr Phe Pro Glu Pro Val Thr Val	
155 160	

TCG TGG AAC TCA GGC GCC CTG ACC AGC GGC	570
Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly	
165 170	

GTG CAC ACC TTC CCG GCT GTC CTA CAG TCC	600
Val His Thr Phe Pro Ala Val Leu Gln Ser	
175 180	

TCA GGA CTC TAC TCC CTC AGC AGC GTG GTG	630
Ser Gly Leu Tyr Ser Leu Ser Ser Val Val	
185 190	

ACC GTG CCC TCC AGC AGC TTG GGC ACC CAG	660
Thr Val Pro Ser Ser Leu Gly Thr Gln	
195 200	

ACC TAC ATC TGC AAC GTG AAT CAC AAG CCC	690
Thr Tyr Ile Cys Asn Val Asn His Lys Pro	
205 210	

AGC AAC ACC AAG GTG GAC AAG AAA GTT GAG	720
Ser Asn Thr Lys Val Asp Lys Lys Val Glu	
215 220	

CCC AAA TCT TGT GAC AAA ACT CAC ACA TAA	750
Pro Lys Ser Cys Asp Lys Thr His Thr	
225 230	

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 95, line 31, through column 97, line 3, and insert therefor:

ATG AAG TGG AGC TGG GTT ATT CTC TTC CTC	30
Met Lys Trp Ser Trp Val Ile Leu Phe Leu	
-15 -10	
CTG TCA GTA ACT GCC GGC GTC CAC TCC CAA	60
Leu Ser Val Thr Ala Gly Val His Ser Gln	
-5 1	
GTC CAA CTG GTG CAA TCC GGC GCC GAG GTC	90
Val Gln Leu Val Gln Ser Gly Ala Glu Val	
5 10	
AAG AAG CCA GGG GCC TCA GTC AAA GTG TCC	120
Lys Lys Pro Gly Ala Ser Val Lys Val Ser	
15 20	
TGT AAA GCT AGC GGC TAT ATT TTT TCT AAT	150
Cys Lys Ala Ser Gly Tyr Ile Phe Ser Asn	
25 30	
TAT TGG ATT CAA TGG GTG CGT CAG GCC CCC	180
Tyr Trp Ile Gln Trp Val Arg Gln Ala Pro	
35 40	
GGG CAG GGC CTG GAA TGG ATG GGT GAG ATC	210
Gly Gln Gly Leu Glu Trp Met Gly Glu Ile	
45 50	
TTA CCG GGC TCT GGT AGC ACC GAA TAT ACC	240
Leu Pro Gly Ser Gly Ser Thr Glu Tyr Thr	
55 60	
GAA AAT TTT AAA GAC CGT GTT ACT ATG ACG	270
Glu Asn Phe Lys Asp Arg Val Thr Met Thr	
65 70	
CGT GAC ACT TCG ACT AGT ACA GTA TAC ATG	300
Arg Asp Thr Ser Thr Ser Thr Val Tyr Met	
75 80	

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,355,245 B1

DATED : Mar. 12, 2002

INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 97, lines 4-33, and insert therefor:

GAG CTC TCC AGC CTG CGA TCG GAG GAC ACG Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr 85 90	330
GCC GTC TAT TAT TGC GCG CGT TAT TTT TTT Ala Val Tyr Tyr Cys Ala Arg Tyr Phe Phe 95 100	360
GGT TCT AGC CCG AAT TGG TAT TTT GAT GTT Gly Ser Ser Pro Asn Trp Tyr Phe Asp Val 105 110	390
TGG GGT CAA GGA ACC CTG GTC ACT GTC TCG Trp Gly Gln Gly Thr Leu Val Thr Val Ser 115 120	420
AGC GCC TCC ACC AAG GGC CCA TCG GTC TTC Ser Ala Ser Thr Lys Gly Pro Ser Val Phe 125 130	450
CCC CTG GCG CCC TCC TCC AAG AGC ACC TCT Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser 135 140	480
GGG GGC ACA GCG GCC CTG GGC TGC CTG GTC Gly Gly Thr Ala Ala Leu Gly Cys Leu Val 145 150	510
AAG GAC TAC TTC CCC GAA CCG GTG ACG GTG Lys Asp Tyr Phe Pro Glu Pro Val Thr Val 155 160	540
TCG TGG AAC TCA GGC GCC CTG ACC AGC GGC Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly 165 170	570
GTG CAC ACC TTC CCG GCT GTC CTA CAG TCC Val His Thr Phe Pro Ala Val Leu Gln Ser 175 180	600

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PATENT NO : 6,355,245 B1

DATED : Mar. 12, 2002

INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 97, lines 34-48, and insert therefor:

TCA GGA CTC TAC TCC CTC AGC AGC GTG GTG	630
Ser Gly Leu Tyr Ser Leu Ser Ser Val Val	
185 190	
ACC GTG CCC TCC AGC AGC TTG GGC ACC CAG	660
Thr Val Pro Ser Ser Ser Leu Gly Thr Gln	
195 200	
ACC TAC ATC TGC AAC GTG AAT CAC AAG CCC	690
Thr Tyr Ile Cys Asn Val Asn His Lys Pro	
205 210	
AGC AAC ACC AAG GTG GAC AAG AAA GTT GAG	720
Ser Asn Thr Lys Val Asp Lys Lys Val Glu	
215 220	
CCC AAA TCT TGT GAC AAA ACT CAC ACA TAA	750
Pro Lys Ser Cys Asp Lys Thr His Thr	
225 230	

Please delete column 99, lines 2-13, and insert therefor:

ATG GGA ATC CAA GGA GGG TCT GTC CTG TTC	30
Met Gly Ile Gln Gly Gly Ser Val Leu Phe	
-25 -20	
GGG CTG CTG CTC GTC CTG GCT GTC TTC TGC	60
Gly Leu Leu Leu Val Leu Ala Val Phe Cys	
-15 -10	
CAT TCA GGT CAT AGC CTG CAG GAT ATC CAG	90
His Ser Gly His Ser Leu Gln Asp Ile Gln	
-5 1 5	
ATG ACC CAG TCC CCG TCC TCC CTG TCC GCC	120
Met Thr Gln Ser Pro Ser Ser Leu Ser Ala	
10 15	

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PATENT NO : 6,355,245 B1

DATED : Mar. 12, 2002

INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 99, lines 14-43, and insert therefor:

TCT GTG GGC GAT AGG GTC ACC ATC ACC TGC	150
Ser Val Gly Asp Arg Val Thr Ile Thr Cys	
20 25	
GGC GCC AGC GAA AAC ATC TAT GGC GCG CTG	180
Gly Ala Ser Glu Asn Ile Tyr Gly Ala Leu	
30 35	
AAC TGG TAT CAA CGT AAA CCT GGG AAA GCT	210
Asn Trp Tyr Gln Arg Lys Pro Gly Lys Ala	
40 45	
CCG AAG CTT CTG ATT TAC GGT GCG ACG AAC	240
Pro Lys Leu Leu Ile Tyr Gly Ala Thr Asn	
50 55	
CTG GCA GAT GGA GTC CCT TCT CGC TTC TCT	270
Leu Ala Asp Gly Val Pro Ser Arg Phe Ser	
60 65	
GGA TCC GGC TCC GGA ACG GAT TAC ACT CTG	300
Gly Ser Gly Ser Gly Thr Asp Tyr Thr Leu	
70 75	
ACC ATC AGC AGT CTG CAA CCT GAG GAC TTC	330
Thr Ile Ser Ser Leu Gln Pro Glu Asp Phe	
80 85	
GCT ACG TAT TAC TGT CAG AAC GTT TTA AAT	360
Ala Thr Tyr Tyr Cys Gln Asn Val Leu Asn	
90 95	
ACT CCG TTG ACT TTC GGA CAG GGT ACC AAG	390
Thr Pro Leu Thr Phe Gly Gln Gly Thr Lys	
100 105	
GTG GAA ATA AAA CGA ACT GTG GCT GCA CCA	420
Val Glu Ile Lys Arg Thr Val Ala Ala Pro	
110 115	

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 99, line 44, through column 101, line 17, and insert therefor:

TCT GTC TTC ATC TTC CCG CCA TCT GAT GAG	450
Ser Val Phe Ile Phe Pro Pro Ser Asp Glu	
120 125	
CAG TTG AAA TCT GGA ACT GCC TCT GTT GTG	480
Gln Leu Lys Ser Gly Thr Ala Ser Val Val	
130 135	
TGC CTG CTG AAT AAC TTC TAT CCC AGA GAG	510
Cys Leu Leu Asn Asn Phe Tyr Pro Arg Glu	
140 145	
GCC AAA GTA CAG TGG AAG GTG GAT AAC GCC	540
Ala Lys Val Gln Trp Lys Val Asp Asn Ala	
150 155	
CTC CAA TCG GGT AAC TCC CAG GAG AGT GTC	570
Leu Gln Ser Gly Asn Ser Gln Glu Ser Val	
160 165	
ACA GAG CAG GAC AGC AAG GAC AGC ACC TAC	600
Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr	
170 175	
AGC CTC AGC AGC ACC CTG ACG CTG AGC AAA	630
Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys	
180 185	
GCA GAC TAC GAG AAA CAC AAA GTC TAC GCC	660
Ala Asp Tyr Glu Lys His Lys Val Tyr Ala	
190 195	
TGC GAA GTC ACC CAT CAG GGC CTG AGC TCG	690
Cys Glu Val Thr His Gln Gly Leu Ser Ser	
200 205	
CCC GTC ACA AAG AGC TTC AAC AGG GGA GAG	720
Pro Val Thr Lys Ser Phe Asn Arg Gly Glu	
210 215	
TGT TAG	726
Cys	

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PATENT NO. 6,355,245

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 101, lines 28-57, and insert therefor:

ATG GGA ATC CAA GGA GGG TCT GTC CTG TTC Met Gly Ile Gln Gly Gly Ser Val Leu Phe -25 -20	30
GGG CTG CTG CTC GTC CTG GCT GTC TTC TGC Gly Leu Leu Leu Val Leu Ala Val Phe Cys -15 -10	60
CAT TCA GGT CAT AGC CTG CAG GAT ATC CAG His Ser Gly His Ser Leu Gln Asp Ile Gln -5 1 5	90
ATG ACC CAG TCC CCG TCC TCC CTG TCC GCC Met Thr Gln Ser Pro Ser Ser Leu Ser Ala 10 15	120
TCT GTG GGC GAT AGG GTC ACC ATC ACC TGC Ser Val Gly Asp Arg Val Thr Ile Thr Cys 20 25	150
GGC GCC AGC GAA AAC ATC TAT GGC GCG CTG Gly Ala Ser Glu Asn Ile Tyr Gly Ala Leu 30 35	180
AAC TGG TAT CAA CGT AAA CCT GGG AAA GCT Asn Trp Tyr Gln Arg Lys Pro Gly Lys Ala 40 45	210
CCG AAG CTT CTG ATT TAC GGT GCG ACG AAC Pro Lys Leu Leu Ile Tyr Gly Ala Thr Asn 50 55	240
CTG GCA GAT GGA GTC CCT TCT CGC TTC TCT Leu Ala Asp Gly Val Pro Ser Arg Phe Ser 60 65	270
GGA TCC GGC TCC GGA ACG GAT TTC ACT CTG Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu 70 75	300

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PATENT NO. 6,355,245

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 103, lines 1-30, and insert therefor:

ACC ATC AGC AGT CTG CAG CCT GAA GAC TTC	330
Thr Ile Ser Ser Leu Gln Pro Glu Asp Phe	
80 85	
GCT ACG TAT TAC TGT CAG AAC GTT TTA AAT	360
Ala Thr Tyr Tyr Cys Gln Asn Val Leu Asn	
90 95	
ACT CCG TTG ACT TTC GGA CAG GGT ACC AAG	390
Thr Pro Leu Thr Phe Gly Gln Gly Thr Lys	
100 105	
GTG GAA ATA AAA CGA ACT GTG GCT GCA CCA	420
Val Glu Ile Lys Arg Thr Val Ala Ala Pro	
110 115	
TCT GTC TTC ATC TTC CCG CCA TCT GAT GAG	450
Ser Val Phe Ile Phe Pro Pro Ser Asp Glu	
120 125	
CAG TTG AAA TCT GGA ACT GCC TCT GTT GTG	480
Gln Leu Lys Ser Gly Thr Ala Ser Val Val	
130 135	
TGC CTG CTG AAT AAC TTC TAT CCC AGA GAG	510
Cys Leu Leu Asn Asn Phe Tyr Pro Arg Glu	
140 145	
GCC AAA GTA CAG TGG AAG GTG GAT AAC GCC	540
Ala Lys Val Gln Trp Lys Val Asp Asn Ala	
150 155	
CTC CAA TCG GGT AAC TCC CAG GAG AGT GTC	570
Leu Gln Ser Gly Asn Ser Gln Glu Ser Val	
160 165	
ACA GAG CAG GAC AGC AAG GAC AGC ACC TAC	600
Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr	
170 175	

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PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 103, lines 31-44, and insert therefor:

AGC CTC AGC AGC ACC CTG ACG CTG AGC AAA	630
Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys	
180 185	
GCA GAC TAC GAG AAA CAC AAA GTC TAC GCC	660
Ala Asp Tyr Glu Lys His Lys Val Tyr Ala	
190 195	
TGC GAA GTC ACC CAT CAG GGC CTG AGC TCG	690
Cys Glu Val Thr His Gln Gly Leu Ser Ser	
200 205	
CCC GTC ACA AAG AGC TTC AAC AGG GGA GAG	720
Pro Val Thr Lys Ser Phe Asn Arg Gly Glu	
210 215	
TGT TAG	726
Cys	

Please delete column 103, line 55, through column 105, line 9, and insert therefor:

ATG GAC ATG AGG GTC CCC GCT CAG CTC CTG	30
Met Asp Met Arg Val Pro Ala Gln Leu Leu	
-20 -15	
GGG CTC CTG CTA CTC TGG CTC CGA GGT GCC	60
Gly Leu Leu Leu Leu Trp Leu Arg Gly Ala	
-10 -5	
AGA TGT GAT ATC CAG ATG ACC CAG TCC CCG	90
Arg Cys Asp Ile Gln Met Thr Gln Ser Pro	
1 5	
TCC TCC CTG TCC GCC TCT GTG GGC GAT AGG	120
Ser Ser Leu Ser Ala Ser Val Gly Asp Arg	
10 15	

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PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 105, lines 10-39, and insert therefor:

GTC ACC ATC ACC TGC GGC GCC AGC GAA AAC Val Thr Ile Thr Cys Gly Ala Ser Glu Asn 20 25	150
ATC TAT GGC GCG CTG AAC TGG TAT CAA CAG Ile Tyr Gly Ala Leu Asn Trp Tyr Gln Gln 30 35	180
AAA CCC GGG AAA GCT CCG AAG CTT CTG ATT Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile 40 45	210
TAC GGT GCG ACG AAC CTG GCA GAT GGA GTC Tyr Gly Ala Thr Asn Leu Ala Asp Gly Val 50 55	240
CCT TCT CGC TTC TCT GGA TCC GGC TCC GGA Pro Ser Arg Phe Ser Gly Ser Gly Ser Gly 60 65	270
ACG GAT TTC ACT CTG ACC ATC AGC AGT CTG Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu 70 75	300
CAG CCT GAA GAC TTC GCT ACG TAT TAC TGT Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys 80 85	330
CAG AAC GTT TTA AAT ACT CCG TTG ACT TTC Gln Asn Val Leu Asn Thr Pro Leu Thr Phe 90 95	360
GGA CAG GGT ACC AAG GTG GAA ATA AAA CGA Gly Gln Gly Thr Lys Val Glu Ile Lys Arg 100 105	390
ACT GTG GCT GCA CCA TCT GTC TTC ATC TTC Thr Val Ala Ala Pro Ser Val Phe Ile Phe 110 115	420

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DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 105, line 40, through column 107, line 9, and insert therefor:

CCG CCA TCT GAT GAG CAG TTG AAA TCT GGA	450
Pro Pro Ser Asp Glu Gln Leu Lys Ser Gly	
120 125	
ACT GCC TCT GTT GTG TGC CTG CTG AAT AAC	480
Thr Ala Ser Val Val Cys Leu Leu Asn Asn	
130 135	
TTC TAT CCC AGA GAG GCC AAA GTA CAG TGG	510
Phe Tyr Pro Arg Glu Ala Lys Val Gln Trp	
140 145	
AAG GTG GAT AAC GCC CTC CAA TCG GGT AAC	540
Lys Val Asp Asn Ala Leu Gln Ser Gly Asn	
150 155	
TCC CAG GAG AGT GTC ACA GAG CAG GAC AGC	570
Ser Gln Glu Ser Val Thr Glu Gln Asp Ser	
160 165	
AAG GAC AGC ACC TAC AGC CTC AGC AGC ACC	600
Lys Asp Ser Thr Tyr Ser Leu Ser Ser Thr	
170 175	
CTG ACG CTG AGC AAA GCA GAC TAC GAG AAA	630
Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys	
180 185	
CAC AAA GTC TAC GCC TGC GAA GTC ACC CAT	660
His Lys Val Tyr Ala Cys Glu Val Thr His	
190 195	
CAG GGC CTG AGC TCG CCC GTC ACA AAG AGC	690
Gln Gly Leu Ser Ser Pro Val Thr Lys Ser	
200 205	
TTC AAC AGG GGA GAG TGT TAG	711
Phe Asn Arg Gly Glu Cys	
210	

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Alexion Pharmaceuticals, Inc.
352 Knotter Drive
Cheshire, CT 06410

PATENT NO. 6,355,245

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO : 6,355,245 B1

DATED : Mar. 12, 2002

INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 107, lines 20-49, and insert therefor:

ATG AAG TGG AGC TGG GTT ATT CTC TTC CTC 30
Met Lys Trp Ser Trp Val Ile Leu Phe Leu
-15 -10

CTG TCA GTA ACT GCC GGC GTC CAC TCC CAA 60
Leu Ser Val Thr Ala Gly Val His Ser Gln
-5 1

GTC CAA CTG GTG CAA TCC GGC GCC GAG GTC 90
Val Gln Leu Val Gln Ser Gly Ala Glu Val
5 10

AAG AAG CCA GGG GCC TCA GTC AAA GTG TCC 120
Lys Lys Pro Gly Ala Ser Val Lys Val Ser
15 20

TGT AAA GCT AGC GGC TAT ATT TTT TCT AAT 150
Cys Lys Ala Ser Gly Tyr Ile Phe Ser Asn
25 30

TAT TGG ATT CAA TGG GTG CGT CAG GCC CCC 180
Tyr Trp Ile Gln Trp Val Arg Gln Ala Pro
35 40

GGG CAG GGC CTG GAA TGG ATG GGT GAG ATC 210
Gly Gln Gly Leu Glu Trp Met Gly Glu Ile
45 50

TTA CCG GGC TCT GGT AGC ACC GAA TAT GCC 240
Leu Pro Gly Ser Gly Ser Thr Glu Tyr Ala
55 60

CAA AAA TTC CAG GGC CGT GTT ACT ATG ACT 270
Gln Lys Phe Gln Gly Arg Val Thr Met Thr
65 70

CGT GAC ACT TCG ACT AGT ACA GTA TAC ATG 300
Arg Asp Thr Ser Thr Ser Thr Val Tyr Met
75 80

MAILING ADDRESS OF SENDER:

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352 Knotter Drive
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PATENT NO. 6,355,245

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 107, line 50, through column 109, line 21, and insert therefor:

GAG CTC TCC AGC CTG CGA TCG GAG GAC ACG	330
Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr	
85 90	
GCC GTC TAT TAT TGC GCG CGT TAT TTT TTT	360
Ala Val Tyr Tyr Cys Ala Arg Tyr Phe Phe	
95 100	
GGT TCT AGC CCG AAT TGG TAT TTT GAT GTT	390
Gly Ser Ser Pro Asn Trp Tyr Phe Asp Val	
105 110	
TGG GGT CAA GGA ACC CTG GTC ACT GTC TCG	420
Trp Gly Gln Gly Thr Leu Val Thr Val Ser	
115 120	
AGC GCC TCC ACC AAG GGC CCA TCG GTC TTC	450
Ser Ala Ser Thr Lys Gly Pro Ser Val Phe	
125 130	
CCC CTG GCG CCC TCC TCC AAG AGC ACC TCT	480
Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser	
135 140	
GGG GGC ACA GCG GCC CTG GGC TGC CTG GTC	510
Gly Gly Thr Ala Ala Leu Gly Cys Leu Val	
145 150	
AAG GAC TAC TTC CCC GAA CCG GTG ACG GTG	540
Lys Asp Tyr Phe Pro Glu Pro Val Thr Val	
155 160	
TCG TGG AAC TCA GGC GCC CTG ACC AGC GGC	570
Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly	
165 170	
GTG CAC ACC TTC CCG GCT GTC CTA CAG TCC	600
Val His Thr Phe Pro Ala Val Leu Gln Ser	
175 180	

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PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 109, lines 22-36, and insert therefor:

TCA GGA CTC TAC TCC CTC AGC AGC GTG GTG	630
Ser Gly Leu Tyr Ser Leu Ser Ser Val Val	
185 190	

ACC GTG CCC TCC AGC AGC TTG GGC ACC CAG	660
Thr Val Pro Ser Ser Ser Leu Gly Thr Gln	
195 200	

ACC TAC ATC TGC AAC GTG AAT CAC AAG CCC	690
Thr Tyr Ile Cys Asn Val Asn His Lys Pro	
205 210	

AGC AAC ACC AAG GTG GAC AAG AAA GTT GAG	720
Ser Asn Thr Lys Val Asp Lys Lys Val Glu	
215 220	

CCC AAA TCT TGT GAC AAA ACT CAC ACA TAA	750
Pro Lys Ser Cys Asp Lys Thr His Thr	
225 230	

Please delete column 109, lines 47-58, and insert therefor:

ATG GCC GAT ATC CAG ATG ACC CAG TCC CCG	30
Met Ala Asp Ile Gln Met Thr Gln Ser Pro	
1 5 10	

TCC TCC CTG TCC GCC TCT GTG GGC GAT AGG	60
Ser Ser Leu Ser Ala Ser Val Gly Asp Arg	
15 20	

GTC ACC ATC ACC TGC GGC GCC AGC GAA AAC	90
Val Thr Ile Thr Cys Gly Ala Ser Glu Asn	
25 30	

ATC TAT GGC GCG CTG AAC TGG TAT CAA CAG	120
Ile Tyr Gly Ala Leu Asn Trp Tyr Gln Gln	
35 40	

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PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 111, lines 1-30, and insert therefor:

AAA CCT GGG AAA GCT CCG AAG CTT CTG ATT	150
Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile	
45 50	
TAC GGT GCG ACG AAC CTG GCA GAT GGA GTC	180
Tyr Gly Ala Thr Asn Leu Ala Asp Gly Val	
55 60	
CCT TCT CGC TTC TCT GGA TCC GGC TCC GGA	210
Pro Ser Arg Phe Ser Gly Ser Gly Ser Gly	
65 70	
ACG GAT TTC ACT CTG ACC ATC AGC AGT CTG	240
Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu	
75 80	
CAG CCT GAA GAC TTC GCT ACG TAT TAC TGT	270
Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys	
85 90	
CAG AAC GTT TTA AAT ACT CCG TTG ACT TTC	300
Gln Asn Val Leu Asn Thr Pro Leu Thr Phe	
95 100	
GGA CAG GGT ACC AAG GTG GAA ATA AAA CGT	330
Gly Gln Gly Thr Lys Val Glu Ile Lys Arg	
105 110	
ACT GGC GGT GGT GGT TCT GGT GGC GGT GGA	360
Thr Gly Gly Gly Gly Ser Gly Gly Gly Gly	
115 120	
TCT GGT GGT GGC GGT TCT CAA GTC CAA CTG	390
Ser Gly Gly Gly Gly Ser Gln Val Gln Leu	
125 130	
GTG CAA TCC GGC GCC GAG GTC AAG AAG CCA	420
Val Gln Ser Gly Ala Glu Val Lys Lys Pro	
135 140	

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PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 111, lines 31-60, and insert therefor:

GGG GCC TCA GTC AAA GTG TCC TGT AAA GCT	450
Gly Ala Ser Val Lys Val Ser Cys Lys Ala	
145 150	
AGC GGC TAT ATT TTT TCT AAT TAT TGG ATT	480
Ser Gly Tyr Ile Phe Ser Asn Tyr Trp Ile	
155 160	
CAA TGG GTG CGT CAG GCC CCC GGG CAG GGC	510
Gln Trp Val Arg Gln Ala Pro Gly Gln Gly	
165 170	
CTG GAA TGG ATG GGT GAG ATC TTA CCG GGC	540
Leu Glu Trp Met Gly Glu Ile Leu Pro Gly	
175 180	
TCT GGT AGC ACC GAA TAT GCC CAA AAA TTC	570
Ser Gly Ser Thr Glu Tyr Ala Gln Lys Phe	
185 190	
CAG GGC CGT GTT ACT ATG ACG CGT GAC ACT	600
Gln Gly Arg Val Thr Met Thr Arg Asp Thr	
195 200	
TCG ACT AGT ACA GTA TAC ATG GAG CTC TCC	630
Ser Thr Ser Thr Val Tyr Met Glu Leu Ser	
205 210	
AGC CTG CGA TCG GAG GAC ACG GCC GTC TAT	660
Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr	
215 220	
TAT TGC GCG CGT TAT TTT TTT GGT TCT AGC	690
Tyr Cys Ala Arg Tyr Phe Phe Gly Ser Ser	
225 230	
CCG AAT TGG TAT TTT GAT GTT TGG GGT CAA	720
Pro Asn Trp Tyr Phe Asp Val Trp Gly Gln	
235 240	

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PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 113, lines 1-3 and insert therefor:

GGA ACC CTG GTC ACT GTC TCG AGC TGA 747
Gly Thr Leu Val Thr Val Ser Ser
245

Please delete column 119, lines 2-25, and insert therefor:

ATG GCC AAT ATT GTG CTG ACC CAA TCT CCA 30
Met Ala Asn Ile Val Leu Thr Gln Ser Pro
1 5 10

GCT TCT TTG GCT GTG TCT CTA GGG CAG AGG 60
Ala Ser Leu Ala Val Ser Leu Gly Gln Arg
15 20

GCC ACC ATA TCC TGC AGA GCC AGT GAA AGT 90
Ala Thr Ile Ser Cys Arg Ala Ser Glu Ser
25 30

GTT GAT AGT TAT GAC AAT AGT TTT ATG CAC 120
Val Asp Ser Tyr Asp Asn Ser Phe Met His
35 40

TGG TAC CAG CAG AAA CCA GGA CAG CCA CCC 150
Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro
45 50

AAA CTC CTC ATC TTT CTT GCA TCC AAC CTA 180
Lys Leu Leu Ile Phe Leu Ala Ser Asn Leu
55 60

GAA TCT GGG GTC CCT GCC AGG TTC AGT GGC 210
Glu Ser Gly Val Pro Ala Arg Phe Ser Gly
65 70

AGT GGG TCT AGG ACA GAC TTC ACC CTC ACC 240
Ser Gly¹ Ser Arg Thr Asp Phe Thr Leu Thr
75 80

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PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 119, lines 26-55, and insert therefor:

ATT GAT CCT GTG GAG GCT GAT GAT GCT GCA	270
Ile Asp Pro Val Glu Ala Asp Asp Ala Ala	
85 90	
ACC TAT TAC TGT CAG CAA AAT AAT GAG GTT	300
Thr Tyr Tyr Cys Gln Gln Asn Asn Glu Val	
95 100	
CCG AAC ACG TTC GGA GGG GGG ACC AAG CTG	330
Pro Asn Thr Phe Gly Gly Gly Thr Lys Leu	
105 110	
GAA ATA AAA CGG ACC GGA GGT GGC GGG TCG	360
Glu Ile Lys Arg Thr Gly Gly Gly Gly Ser	
115 120	
GGT GGC GGG GGA TCG GGT GGC GGA GGG TCG	390
Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser	
125 130	
GAC GTC AAG CTC GTG GAG TCT GGG GGA GAC	420
Asp Val Lys Leu Val Glu Ser Gly Gly Asp	
135 140	
TTA GTG AAG CTT GGA GGG TCC CTG AAA CTC	450
Leu Val Lys Leu Gly Gly Ser Leu Lys Leu	
145 150	
TCC TGT GCA GCC TCT GGA TTC ACC TTC AGT	480
Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser	
155 160	
AGC TAT TAT ATG TCT TGG GTT CGC CAG ATT	510
Ser Tyr Tyr Met Ser Trp Val Arg Gln Ile	
165 170	
TCA GAG AAG AGG CTG GAG TTG GTC GCA GCC	540
Ser Glu Lys Arg Leu Glu Leu Val Ala Ala	
175 180	

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PATENT NO : 6,355,245 B1

DATED : Mar. 12, 2002

INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent
is hereby corrected as shown below:

Please delete column 119, line 56, through column 121, line 22, and insert therefor:

ATT AAT AGT AAT GGT GAT AGC ACC TAC TAT	570
Ile Asn Ser Asn Gly Asp Ser Thr Tyr Tyr	
185 190	
CCA GAC ACT GTG AAG GGC CGA TTC ACC ATC	600
Pro Asp Thr Val Lys Gly Arg Phe Thr Ile	
195 200	
TCC AGA GAC AAT GCC AAG AGC ACC CTG GAT	630
Ser Arg Asp Asn Ala Lys Ser Thr Leu Asp	
205 210	
CTG CAA ATG AGC AGT CTG AAG TCT GAG GAC	660
Leu Gln Met Ser Ser Leu Lys Ser Glu Asp	
215 220	
ACA GCC TTG TAT TTC TGT GTA AGA GAG ACT	690
Thr Ala Leu Tyr Phe Cys Val Arg Glu Thr	
225 230	
TAT TAC TAC GGG ATT AGT CCC GTC TTC GAT	720
Tyr Tyr Tyr Gly Ile Ser Pro Val Phe Asp	
235 240	
GTC TGG GGC ACA GGG ACC ACG GTC ACC GTC	750
Val Trp Gly Thr Gly Thr Thr Val Thr Val	
245 250	
TCC TCA CTC GAG CAC CAC CAC CAC CAC	780
Ser Ser Leu Glu His His His His His His	
255 260	
TGA	783

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PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 121, line 32, through column 123, line 3, and insert therefor:

ATG GCC GAT ATC CAG ATG ACC CAG TCC CCG	30
Met Ala Asp Ile Gln Met Thr Gln Ser Pro	
1 5 10	
TCC TCC CTG TCC GCC TCT GTG GGC GAT AGG	60
Ser Ser Leu Ser Ala Ser Val Gly Asp Arg	
15 20	
GTC ACC ATC ACC TGC GGC GCC AGC GAA AAC	90
Val Thr Ile Thr Cys Gly Ala Ser Glu Asn	
25 30	
ATC TAT GGC GCG CTG AAC TGG TAT CAA CAG	120
Ile Tyr Gly Ala Leu Asn Trp Tyr Gln Gln	
35 40	
AAA CCC GGG AAA GCT CCG AAG CTT CTG ATT	150
Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile	
45 50	
TAC GGT GCG ACG AAC CTG GCA GAT GGA GTC	180
Tyr Gly Ala Thr Asn Leu Ala Asp Gly Val	
55 60	
CCT TCT CGC TTC TCT GGA TCC GGC TCC GGA	210
Pro Ser Arg Phe Ser Gly Ser Gly Ser Gly	
65 70	
ACG GAT TTC ACT CTG ACC ATC AGC AGT CTG	240
Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu	
75 80	
CAG CCT GAA GAC TTC GCT ACG TAT TAC TGT	270
Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys	
85 90	
CAG AAC GTT TTA AAT ACT CCG TTG ACT TTC	300
Gln Asn Val Leu Asn Thr Pro Leu Thr Phe	
95 100	

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DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 123, lines 4-33, and insert therefor:

GGA CAG GGT ACC AAG GTG GAA ATA AAA CGT	330
Gly Gln Gly Thr Lys Val Glu Ile Lys Arg	
105 110	
ACT GGC GGT GGT GGT TCT GGT GGC GGT GGA	360
Thr Gly Gly Gly Gly Ser Gly Gly Gly Gly	
115 120	
TCT GGT GGT GGC GGT TCT CAA GTC CAA CTG	390
Ser Gly Gly Gly Gly Ser Gln Val Gln Leu	
125 130	
GTG CAA TCC GGC GCC GAG GTC AAG AAG CCA	420
Val Gln Ser Gly Ala Glu Val Lys Lys Pro	
135 140	
GGG GCC TCA GTC AAA GTG TCC TGT AAA GCT	450
Gly Ala Ser Val Lys Val Ser Cys Lys Ala	
145 150	
AGC GGC TAT ATT TTT TCT AAT TAT TGG ATT	480
Ser Gly Tyr Ile Phe Ser Asn Tyr Trp Ile	
155 160	
CAA TGG GTG CGT CAG GCC CCC GGG CAG GGC	510
Gln Trp Val Arg Gln Ala Pro Gly Gln Gly	
165 170	
CTG GAA TGG ATG GGT GAG ATC TTA CCG GGC	540
Leu Glu Trp Met Gly Glu Ile Leu Pro Gly	
175 180	
TCT GGT AGC ACC GAA TAT ACC GAA AAT TTT	570
Ser Gly Ser Thr Glu Tyr Thr Glu Asn Phe	
185 190	
AAA GAC CGT GTT ACT ATG ACG CGT GAC ACT	600
Lys Asp Arg Val Thr Met Thr Arg Asp Thr	
195 200	

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DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 123, lines 34-48, and insert therefor:

TCG ACT AGT ACA GTA TAC ATG GAG CTC TCC 630
Ser Thr Ser Thr Val Tyr Met Glu Leu Ser
205 210

AGC CTG CGA TCG GAG GAC ACG GCC GTC TAT 660
Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr
215 220

TAT TGC GCG CGT TAT TTT TTT GGT TCT AGC 690
Tyr Cys Ala Arg Tyr Phe Phe Gly Ser Ser
225 230

CCG AAT TGG TAT TTT GAT GTT TGG GGT CAA 720
Pro Asn Trp Tyr Phe Asp Val Trp Gly Gln
235 240

GGA ACC CTG GTC ACT GTC TCG AGC TGA 747
Gly Thr Leu Val Thr Val Ser Ser
245

Please delete column 125, lines 2-13, and insert therefor:

ATG GCC GAT ATC CAG ATG ACC CAG TCC CCG 30
Met Ala Asp Ile Gln Met Thr Gln Ser Pro
1 5 10

TCC TCC CTG TCC GCC TCT GTG GGC GAT AGG 60
Ser Ser Leu Ser Ala Ser Val Gly Asp Arg
15 20

GTC ACC ATC ACC TGC CGT GCT AGC GAA AAC 90
Val Thr Ile Thr Cys Arg Ala Ser Glu Asn
25 30

ATC TAT GGC GCG CTG AAC TGG TAT CAA CAG 120
Ile Tyr Gly Ala Leu Asn Trp Tyr Gln Gln
35 40

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 125, lines 14-43, and insert therefor:

AAA CCT GGG AAA GCT CCG AAG CTT CTG ATT	150
Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile	
45 50	
TAC GGT GCG ACG AAC CTG GCA GAT GGA GTC	180
Tyr Gly Ala Thr Asn Leu Ala Asp Gly Val	
55 60	
CCT TCT CGC TTC TCT GGA TCC GGC TCC GGA	210
Pro Ser Arg Phe Ser Gly Ser Gly Ser Gly	
65 70	
ACG GAT TTC ACT CTG ACC ATC AGC AGT CTG	240
Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu	
75 80	
CAG CCT GAA GAC TTC GCT ACG TAT TAC TGT	270
Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys	
85 90	
CAG AAC GTT TTA AAT ACT CCG TTG ACT TTC	300
Gln Asn Val Leu Asn Thr Pro Leu Thr Phe	
95 100	
GGA CAG GGT ACC AAG GTG GAA ATA AAA CGT	330
Gly Gln Gly Thr Lys Val Glu Ile Lys Arg	
105 110	
ACT GGC GGT GGT GGT TCT GGT GGC GGT GGA	360
Thr Gly Gly Gly Gly Ser Gly Gly Gly Gly	
115 120	
TCT GGT GGT GGC GGT TCT CAA GTC CAA CTG	390
Ser Gly Gly Gly Gly Ser Gln Val Gln Leu	
125 130	
GTG CAA TCC GGC GCC GAG GTC AAG AAG CCA	420
Val Gln Ser Gly Ala Glu Val Lys Lys Pro	
135 140	

MAILING ADDRESS OF SENDER:

Stephen A. Saxe
Alexion Pharmaceuticals, Inc.
352 Knotter Drive
Cheshire, CT 06410

PATENT NO. 6,355,245

No. of additional copies

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PATENT NO : 6,355,245 B1

DATED : Mar. 12, 2002

INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 125, line 44, through column 127, line 15, and insert therefor:

GGG GCC TCA GTC AAA GTG TCC TGT AAA GCT	450
Gly Ala Ser Val Lys Val Ser Cys Lys Ala	
145 150	
AGC GGC TAT ATT TTT TCT AAT TAT TGG ATT	480
Ser Gly Tyr Ile Phe Ser Asn Tyr Trp Ile	
155 160	
CAA TGG GTG CGT CAG GCC CCC GGG CAG GGC	510
Gln Trp Val Arg Gln Ala Pro Gly Gln Gly	
165 170	
CTG GAA TGG ATG GGT GAG ATC TTA CCG GGC	540
Leu Glu Trp Met Gly Glu Ile Leu Pro Gly	
175 180	
TCT GGT AGC ACC GAA TAT GCC CAA AAA TTC	570
Ser Gly Ser Thr Glu Tyr Ala Gln Lys Phe	
185 190	
CAG GGC CGT GTT ACT ATG ACG CGT GAC ACT	600
Gln Gly Arg Val Thr Met Thr Arg Asp Thr	
195 200	
TCG ACT AGT ACA GTA TAC ATG GAG CTC TCC	630
Ser Thr Ser Thr Val Tyr Met Glu Leu Ser	
205 210	
AGC CTG CGA TCG GAG GAC ACG GCC GTC TAT	660
Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr	
215 220	
TAT TGC GCG CGT TAT TTT TTT GGT TCT AGC	690
Tyr Cys Ala Arg Tyr Phe Phe Gly Ser Ser	
225 230	
CCG AAT TGG TAT TTT GAT GTT TGG GGT CAA	720
Pro Asn Trp Tyr Phe Asp Val Trp Gly Gln	
235 240	

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO : 6,355,245 B1

DATED : Mar. 12, 2002

INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 127, lines 16-18, and insert therefor:

GGA ACC CTG GTC ACT GTC TCG AGC TGA 747
Gly Thr Leu Val Thr Val Ser Ser
245

Please delete column 127, lines 29-52, and insert therefor:

ATG GCC GAT ATC CAG ATG ACC CAG TCC CCG 30
Met Ala Asp Ile Gln Met Thr Gln Ser Pro
1 5 10

TCC TCC CTG TCC GCC TCT GTG GGC GAT AGG
Ser Ser Leu Ser Ala Ser Val Gly Asp Arg 60
15 20

GTC ACC ATC ACC TGC GGC GCC AGC GAA AAC 90
Val Thr Ile Thr Cys Gly Ala Ser Glu Asn
25 30

ATC TAT GGC GCG CTG AAC TGG TAT CAA CAG 120
Ile Tyr Gly Ala Leu Asn Trp Tyr Gln Gln
35 40

AAA CCT GGG AAA GCT CCG AAG CTT CTG ATT 150
Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
45 50

TAC GGT GCG ACG AGC CTG CAG TCT GGA GTC 180
Tyr Gly Ala Thr Ser Leu Gln Ser Gly Val
55 60

CCT TCT CGC TTC TCT GGA TCC GGC TCC GGA 210
Pro Ser Arg Phe Ser Gly Ser Gly Ser Gly
65 70

ACG GAT TTC ACT CTG ACC ATC AGC AGT CTG 240
Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu
75 80

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DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 127, line 53, through column 129, line 24, and insert therefor:

CAG CCT GAA GAC TTC GCT ACG TAT TAC TGT Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys 85 90	270
CAG AAC GTT TTA AAT ACT CCG TTG ACT TTC Gln Asn Val Leu Asn Thr Pro Leu Thr Phe 95 100	300
GGA CAG GGT ACC AAG GTG GAA ATA AAA CGT Gly Gln Gly Thr Lys Val Glu Ile Lys Arg 105 110	330
ACT GGC GGT GGT GGT TCT GGT GGC GGT GGA Thr Gly Gly Gly Gly Ser Gly Gly Gly Gly 115 120	360
TCT GGT GGT GGC GGT TCT CAA GTC CAA CTG Ser Gly Gly Gly Gly Ser Gln Val Gln Leu 125 130	390
GTG CAA TCC GGC GCC GAG GTC AAG AAG CCA Val Gln Ser Gly Ala Glu Val Lys Lys Pro 135 140	420
GGG GCC TCA GTC AAA GTG TCC TGT AAA GCT Gly Ala Ser Val Lys Val Ser Cys Lys Ala 145 150	450
AGC GGC TAT ATT TTT TCT AAT TAT TGG ATT Ser Gly Tyr Ile Phe Ser Asn Tyr Trp Ile 155 160	480
CAA TGG GTG CGT CAG GCC CCC GGG CAG GGC Gln Trp Val Arg Gln Ala Pro Gly Gln Gly 165 170	510
CTG GAA TGG ATG GGT GAG ATC TTA CCG GGC Leu Glu Trp Met Gly Glu Ile Leu Pro Gly 175 180	540

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PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 129, lines 25-45, and insert therefor:

TCT GGT AGC ACC GAA TAT GCC CAA AAA TTC Ser Gly Ser Thr Glu Tyr Ala Gln Lys Phe 185 190	570
CAG GGC CGT GTT ACT ATG ACG CGT GAC ACT Gln Gly Arg Val Thr Met Thr Arg Asp Thr 195 200	600
TCG ACT AGT ACA GTA TAC ATG GAG CTC TCC Ser Thr Ser Thr Val Tyr Met Glu Leu Ser 205 210	630
AGC CTG CGA TCG GAG GAC ACG GCC GTC TAT Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr 215 220	660
TAT TGC GCG CGT TAT TTT TTT GGT TCT AGC Tyr Cys Ala Arg Tyr Phe Phe Gly Ser Ser 225 230	690
CCG AAT TGG TAT TTT GAT GTT TGG GGT CAA Pro Asn Trp Tyr Phe Asp Val Trp Gly Gln 235 240	720
GGA ACC CTG GTC ACT GTC TCG AGC TGA Gly Thr Leu Val Thr Val Ser Ser 245	747

Please delete column 129, line 56, through column 131, line 3, and insert therefor:

ATG GCC GAT ATC CAG ATG ACC CAG TCC CCG Met Ala Asp Ile Gln Met Thr Gln Ser Pro 1 5 10	30
TCC TCC CTG TCC GCC TCT GTG GGC GAT AGG Ser Ser Leu Ser Ala Ser Val Gly Asp Arg 15 20	60

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CERTIFICATE OF CORRECTION**

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DATED : Mar. 12, 2002

INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent
is hereby corrected as shown below:

Please delete column 131, lines 4-33, and insert therefor:

GTC ACC ATC ACC TGC CGT GCT AGC GAA AAC	90
Val Thr Ile Thr Cys Arg Ala Ser Glu Asn	
25 30	
ATC TAT GGC GCG CTG AAC TGG TAT CAA CAG	120
Ile Tyr Gly Ala Leu Asn Trp Tyr Gln Gln	
35 40	
AAA CCT GGG AAA GCT CCG AAG CTT CTG ATT	150
Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile	
45 50	
TAC GGT GCG ACG AGC CTG CAG TCT GGA GTC	180
Tyr Gly Ala Thr Ser Leu Gln Ser Gly Val	
55 60	
CCT TCT CGC TTC TCT GGA TCC GGC TCC GGA	210
Pro Ser Arg Phe Ser Gly Ser Gly Ser Gly	
65 70	
ACG GAT TTC ACT CTG ACC ATC AGC AGT CTG	240
Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu	
75 80	
CAG CCT GAA GAC TTC GCT ACG TAT TAC TGT	270
Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys	
85 90	
CAG AAC GTT TTA AAT ACT CCG TTG ACT TTC	300
Gln Asn Val Leu Asn Thr Pro Leu Thr Phe	
95 100	
GGA CAG GGT ACC AAG GTG GAA ATA AAA CGT	330
Gly Gln Gly Thr Lys Val Glu Ile Lys Arg	
105 110	
ACT GGC GGT GGT GGT TCT GGT GGC GGT GGA	360
Thr Gly Gly Gly Gly Ser Gly Gly Gly Gly	
115 120	

MAILING ADDRESS OF SENDER:

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INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 131, line 34, through column 133, line 3, and insert therefor:

TCT GGT GGT GGC GGT TCT CAA GTC CAA CTG Ser Gly Gly Gly Gly Ser Gln Val Gln Leu 125 130	390
GTG CAA TCC GGC GCC GAG GTC AAG AAG CCA Val Gln Ser Gly Ala Glu Val Lys Lys Pro 135 140	420
GGG GCC TCA GTC AAA GTG TCC TGT AAA GCT Gly Ala Ser Val Lys Val Ser Cys Lys Ala 145 150	450
AGC GGC TAT ATT TTT TCT AAT TAT TGG ATT Ser Gly Tyr Ile Phe Ser Asn Tyr Trp Ile 155 160	480
CAA TGG GTG CGT CAG GCC CCC GGG CAG GGC Gln Trp Val Arg Gln Ala Pro Gly Gln Gly 165 170	510
CTG GAA TGG ATG GGT GAG ATC TTA CCG GGC Leu Glu Trp Met Gly Glu Ile Leu Pro Gly 175 180	540
TCT GGT AGC ACC GAA TAT GCC CAA AAA TTC Ser Gly Ser Thr Glu Tyr Ala Gln Lys Phe 185 190	570
CAG GGC CGT GTT ACT ATG ACG CGT GAC ACT Gln Gly Arg Val Thr Met Thr Arg Asp Thr 195 200	600
TCG ACT AGT ACA GTA TAC ATG GAG CTC TCC Ser Thr Ser Thr Val Tyr Met Glu Leu Ser 205 210	630
AGC CTG CGA TCG GAG GAC ACG GCC GTC TAT Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr 215 220	660

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It is certified that error appears in the above-identified patent and that said Letters Patent
is hereby corrected as shown below:

Please delete column 133, lines 4-12, and insert therefor:

TAT TGC GCG CGT TAT TTT TTT GGT TCT AGC	690
Tyr Cys Ala Arg Tyr Phe Phe Gly Ser Ser	
225 230	

CCG AAT TGG TAT TTT GAT GTT TGG GGT CAA	720
Pro Asn Trp Tyr Phe Asp Val Trp Gly Gln	
235 240	

GGA ACC CTG GTC ACT GTC TCG AGC TGA	747
Gly Thr Leu Val Thr Val Ser Ser	
245	

Please delete column 133, lines 22-45, and insert therefor:

ATG GCC GAT ATC CAG ATG ACC CAG TCC CCG	30
Met Ala Asp Ile Gln Met Thr Gln Ser Pro	
1 5 10	

TCC TCC CTG TCC GCC TCT GTG GGC GAT AGG	60
Ser Ser Leu Ser Ala Ser Val Gly Asp Arg	
15 20	

GTC ACC ATC ACC TGC CGT GCT AGC GAA AAC	90
Val Thr Ile Thr Cys Arg Ala Ser Glu Asn	
25 30	

ATC TAT GGC GCG CTG AAC TGG TAT CAA CAG	120
Ile Tyr Gly Ala Leu Asn Trp Tyr Gln Gln	
35 40	

AAA CCC GGG AAA GCT CCG AAG CTT CTG ATT	150
Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile	
45 50	

TAC GGT GCG ACG AAC CTG GCA GAT GGA GTC	180
Tyr Gly Ala Thr Asn Leu Ala Asp Gly Val	
55 60	

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 133, line 46, through column 135, line 12, and insert therefor:

CCT TCT CGC TTC TCT GGA TCC GGC TCC GGA Pro Ser Arg Phe Ser Gly Ser Gly Ser Gly 65 70	210
ACG GAT TTC ACT CTG ACC ATC AGC AGT CTG Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu 75 80	240
CAG CCT GAA GAC TTC GCT ACG TAT TAC TGT Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys 85 90	270
CAG AAC GTT TTA AAT ACT CCG TTG ACT TTC Gln Asn Val Leu Asn Thr Pro Leu Thr Phe 95 100	300
GGA CAG GGT ACC AAG GTG GAA ATA AAA CGT Gly Gln Gly Thr Lys Val Glu Ile Lys Arg 105 110	330
ACT GGC GGT GGT GGT TCT GGT GGC GGT GGA Thr Gly Gly Gly Gly Ser Gly Gly Gly Gly 115 120	360
TCT GGT GGT GGC GGT TCT CAA GTC CAA CTG Ser Gly Gly Gly Gly Ser Gln Val Gln Leu 125 130	390
GTG CAA TCC GGC GCC GAG GTC AAG AAG CCA Val Gln Ser Gly Ala Glu Val Lys Lys Pro 135 140	420
GGG GCC TCA GTC AAA GTG TCC TGT AAA GCT Gly Ala Ser Val Lys Val Ser Cys Lys Ala 145 150	450
AGC GGC TAT ATT TTT TCT AAT TAT TGG ATT Ser Gly Tyr Ile Phe Ser Asn Tyr Trp Ile 155 160	480

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INVENTOR(S) : Mark J. EVANS et al.

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Please delete column 135, lines 13-39, and insert therefor:

CAA TGG GTG CGT CAG GCC CCC GGG CAG GGC	510
Gln Trp Val Arg Gln Ala Pro Gly Gln Gly	
165 170	
CTG GAA TGG ATG GGT GAG ATC TTA CCG GGC	540
Leu Glu Trp Met Gly Glu Ile Leu Pro Gly	
175 180	
TCT GGT AGC ACC GAA TAT ACC GAA AAT TTT	570
Ser Gly Ser Thr Glu Tyr Thr Glu Asn Phe	
185 190	
AAA GAC CGT GTT ACT ATG ACG CGT GAC ACT	600
Lys Asp Arg Val Thr Met Thr Arg Asp Thr	
195 200	
TCG ACT AGT ACA GTA TAC ATG GAG CTC TCC	630
Ser Thr Ser Thr Val Tyr Met Glu Leu Ser	
205 210	
AGC CTG CGA TCG GAG GAC ACG GCC GTC TAT	660
Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr	
215 220	
TAT TGC GCG CGT TAT TTT TTT GGT TCT AGC	690
Tyr Cys Ala Arg Tyr Phe Phe Gly Ser Ser	
225 230	
CCG AAT TGG TAT TTT GAT GTT TGG GGT CAA	720
Pro Asn Trp Tyr Phe Asp Val Trp Gly Gln	
235 240	
GGA ACC CTG GTC ACT GTC TCG AGC TGA	747
Gly Thr Leu Val Thr Val Ser Ser	
245	

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INVENTOR(S) : Mark J. EVANS et al.

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Please delete column 135, line 49, through column 137, line 21, and insert therefor:

ATG GCC GAT ATC CAG ATG ACC CAG TCC CCG	30
Met Ala Asp Ile Gln Met Thr Gln Ser Pro	
1 5 10	
TCC TCC CTG TCC GCC TCT GTG GGC GAT AGG	60
Ser Ser Leu Ser Ala Ser Val Gly Asp Arg	
15 20	
GTC ACC ATC ACC TGC GGC GCC AGC GAA AAC	90
Val Thr Ile Thr Cys Gly Ala Ser Glu Asn	
25 30	
ATC TAT GGC GCG CTG AAC TGG TAT CAA CAG	120
Ile Tyr Gly Ala Leu Asn Trp Tyr Gln Gln	
35 40	
AAA CCC GGG AAA GCT CCG AAG CTT CTG ATT	150
Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile	
45 50	
TAC GGT GCG ACG AGC CTG CAG TCT GGA GTC	180
Tyr Gly Ala Thr Ser Leu Gln Ser Gly Val	
55 60	
CCT TCT CGC TTC TCT GGA TCC GGC TCC GGA	210
Pro Ser Arg Phe Ser Gly Ser Gly Ser Gly	
65 70	
ACG GAT TTC ACT CTG ACC ATC AGC AGT CTG	240
Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu	
75 80	
CAG CCT GAA GAC TTC GCT ACG TAT TAC TGT	270
Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys	
85 90	
CAG AAC GTT TTA AAT ACT CCG TTG ACT TTC	300
Gln Asn Val Leu Asn Thr Pro Leu Thr Phe	
95 100	

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 137, lines 22-51, and insert therefor:

GGA CAG GGT ACC AAG GTG GAA ATA AAA CGT Gly Gln Gly Thr Lys Val Glu Ile Lys Arg 105 110	330
ACT GGC GGT GGT GGT TCT GGT GGC GGT GGA Thr Gly Gly Gly Gly Ser Gly Gly Gly Gly 115 120	360
TCT GGT GGT GGC GGT TCT CAA GTC CAA CTG Ser Gly Gly Gly Gly Ser Gln Val Gln Leu 125 130	390
GTG CAA TCC GGC GCC GAG GTC AAG AAG CCA Val Gln Ser Gly Ala Glu Val Lys Lys Pro 135 140	420
GGG GCC TCA GTC AAA GTG TCC TGT AAA GCT Gly Ala Ser Val Lys Val Ser Cys Lys Ala 145 150	450
AGC GGC TAT ATT TTT TCT AAT TAT TGG ATT Ser Gly Tyr Ile Phe Ser Asn Tyr Trp Ile 155 160	480
CAA TGG GTG CGT CAG GCC CCC GGG CAG GGC Gln Trp Val Arg Gln Ala Pro Gly Gln Gly 165 170	510
CTG GAA TGG ATG GGT GAG ATC TTA CCG GGC Leu Glu Trp Met Gly Glu Ile Leu Pro Gly 175 180	540
TCT GGT AGC ACC GAA TAT ACC GAA AAT TTT Ser Gly Ser Thr Glu Tyr Thr Glu Asn Phe 185 190	570
AAA GAC CGT GTT ACT ATG ACG CGT GAC ACT Lys Asp Arg Val Thr Met Thr Arg Asp Thr 195 200	600

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Please delete column 137, line 52, through column 139, line 6, and insert therefor:

TCG ACT AGT ACA GTA TAC ATG GAG CTC TCC	630
Ser Thr Ser Thr Val Tyr Met Glu Leu Ser	
205 210	
AGC CTG CGA TCG GAG GAC ACG GCC GTC TAT	660
Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr	
215 220	
TAT TGC GCG CGT TAT TTT TTT GGT TCT AGC	690
Tyr Cys Ala Arg Tyr Phe Phe Gly Ser Ser	
225 230	
CCG AAT TGG TAT TTT GAT GTT TGG GGT CAA	720
Pro Asn Trp Tyr Phe Asp Val Trp Gly Gln	
235 240	
GGA ACC CTG GTC ACT GTC TCG AGC TGA	747
Gly Thr Leu Val Thr Val Ser Ser	
245	

Please delete column 139, lines 16-27, and insert therefor:

ATG GCC GAT ATC CAG ATG ACC CAG TCC CCG	30
Met Ala Asp Ile Gln Met Thr Gln Ser Pro	
1 5 10	
TCC TCC CTG TCC GCC TCT GTG GGC GAT AGG	60
Ser Ser Leu Ser Ala Ser Val Gly Asp Arg	
15 20	
GTC ACC ATC ACC TGC CGT GCT AGC GAA AAC	90
Val Thr Ile Thr Cys Arg Ala Ser Glu Asn	
25 30	
ATC TAT GGC GCG CTG AAC TGG TAT CAA CAG	120
Ile Tyr Gly Ala Leu Asn Trp Tyr Gln Gln	
35 40	

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PATENT NO. 6,355,245

No. of additional copies

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 139, lines 28-57, and insert therefor:

AAA CCC GGG AAA GCT CCG AAG CTT CTG ATT Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile 45 50	150
TAC GGT GCG ACG AGC CTG CAG TCT GGA GTC Tyr Gly Ala Thr Ser Leu Gln Ser Gly Val 55 60	180
CCT TCT CGC TTC TCT GGA TCC GGC TCC GGA Pro Ser Arg Phe Ser Gly Ser Gly Ser Gly 65 70	210
ACG GAT TTC ACT CTG ACC ATC AGC AGT CTG Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu 75 80	240
CAG CCT GAA GAC TTC GCT ACG TAT TAC TGT Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys 85 90	270
CAG AAC GTT TTA AAT ACT CCG TTG ACT TTC Gln Asn Val Leu Asn Thr Pro Leu Thr Phe 95 100	300
GGA CAG GGT ACC AAG GTG GAA ATA AAA CGT Gly Gln Gly Thr Lys Val Glu Ile Lys Arg 105 110	330
ACT GGC GGT GGT GGT TCT GGT GGC GGT GGA Thr Gly Gly Gly Gly Ser Gly Gly Gly Gly 115 120	360
TCT GGT GGT GGC GGT TCT CAA GTC CAA CTG Ser Gly Gly Gly Gly Ser Gln Val Gln Leu 125 130	390
GTG CAA TCC GGC GCC GAG GTC AAG AAG CCA Val Gln Ser Gly Ala Glu Val Lys Lys Pro 135 140	420

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 141, lines 1-30, and insert therefor:

GGG GCC TCA GTC AAA GTG TCC TGT AAA GCT Gly Ala Ser Val Lys Val Ser Cys Lys Ala 145 150	450
AGC GGC TAT ATT TTT TCT AAT TAT TGG ATT Ser Gly Tyr Ile Phe Ser Asn Tyr Trp Ile 155 160	480
CAA TGG GTG CGT CAG GCC CCC GGG CAG GGC Gln Trp Val Arg Gln Ala Pro Gly Gln Gly 165 170	510
CTG GAA TGG ATG GGT GAG ATC TTA CCG GGC Leu Glu Trp Met Gly Glu Ile Leu Pro Gly 175 180	540
TCT GGT AGC ACC GAA TAT ACC GAA AAT TTT Ser Gly Ser Thr Glu Tyr Thr Glu Asn Phe 185 190	570
AAA GAC CGT GTT ACT ATG ACG CGT GAC ACT Lys Asp Arg Val Thr Met Thr Arg Asp Thr 195 200	600
TCG ACT AGT ACA GTA TAC ATG GAG CTC TCC Ser Thr Ser Thr Val Tyr Met Glu Leu Ser 205 210	630
AGC CTG CGA TCG GAG GAC ACG GCC GTC TAT Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr 215 220	660
TAT TGC GCG CGT TAT TTT TTT GGT TCT AGC Tyr Cys Ala Arg Tyr Phe Phe Gly Ser Ser 225 230	690
CCG AAT TGG TAT TTT GAT GTT TGG GGT CAA Pro Asn Trp Tyr Phe Asp Val Trp Gly Gln 235 240	720

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,355,245 B1
DATED : Mar. 12, 2002
INVENTOR(S) : Mark J. EVANS et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete column 141, lines 31-33, and insert therefor:

GGA ACC CTG GTC ACT GTC TCG AGC TGA
Gly Thr Leu Val Thr Val Ser Ser
245

747

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